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FEBRUARY, 1914

# THE INDUSTRIOUS HEN

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"Peggy's Rival"—White Orpington pullet. Woman's College Poultry Farm, Meridian, Miss.

THE INDUSTRIOUS HEN CO.  
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1st Prize Ck., Ky. State Fair, 1913

# EGGLAND FARM'S

## EVERLAYING SINGLE COMB White LEGHORNS

Winners at all of the leading shows, including the Kentucky State Fair, where we won 1st, 2nd cock; 2nd hen; 2nd cockerel; 1st, 2nd pullet; 1st pen and best display, making practically a clean sweep in the largest class of Leghorns ever shown at this Fair. We have 21 breeding pens of range-raised birds, all strong and vigorous; every one a proven egg producer. 5,000-egg incubator capacity—can furnish day-old chicks in any number. Eggs and chicks ready for delivery Jan. 1. Write for mating list.

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# Columbian WYANDOTTES

The best in the world. Winning every first at every Southern show, then winning in the same week every first at the great Tampa show and 1st hen; 4th cock and fifth pen at Madison Square Garden. These two shows, 1500 miles apart, and my winnings at both, shows that I have plenty of good birds. I have some fine cockerels and cocks for sale; also equally as good or better birds in

**Black Orpingtons, White, Barred, Partridge and  
Columbian Rocks, and Silver Wyandottes**

Eggs from these grand birds at \$5.00 per setting. No day old chicks

**J. H. WENDLER    --    --    LAKELAND, FLORIDA**

# BLACK ORPINGTONS—S. C. RHODE ISLAND REDS

**Rhode Island Whites  
Buff Orpington Ducks  
White Runner Ducks**

The grand show qualities of my stock have been well established. Have never failed to get the majority of firsts. Some bargains in tries and pens in White Runners and Buff Orpington Ducks. At the big Florida Fanciers Show, Tampa, in January, I won nine firsts out of possible eleven. White Runners, five entries and five firsts. Buff Orpington Ducks, four entries; 2 firsts; 1 second, and 1 third. Black Orpingtons, five entries; 2 firsts; 1 third; 1 fourth; and 1 fifth, and cup for best Orpington in show. Every entry was placed and in the hottest competition. If you desire eggs or stock from the best the country affords, communicate with me. Satisfaction guaranteed.

**H. L. D. HUGHES    ..    ..    DANVILLE, GEORGIA**

# S. C. WHITE LEGHORNS

Getting better every year. Prize winners at Charlotte, Western North Carolina Show, and Statesville. Five yards mated for producing good ones. Splendid layers and strong, vigorous stock. Write for catalogue showing cuts of males and females in these yards and see exactly what kind of stuff you are buying. White Leghorns exclusively, so no chance for getting mixed stock.

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EGGS---\$8.00, \$12.00, \$16.00, \$20.00 Per 100

**ADAM FISHER    --    --    CHARLOTTE, NORTH CAROLINA**



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World's BEST

# White WYANDOTTES

Have Again Demonstrated the Fact That They are the Dependable Strain

At Cincinnati, Ohio, December 1-7, 1913, in the strongest show ever held in that city, they won 1st, 2nd, 3rd and 4th cock; 1st, 2nd and 4th hen; 1st, 2nd, 3rd and 4th cockerel; 1st, 2nd, 3rd and 5th pullet; 1st old pen; 1st, 2nd, 3rd and 4th young pen; sweepstakes for the best cock in American class; sweepstakes for the best pen in Wyandotte class, and several cups and specials. Is not this convincing proof, considered with the fact that for years they have been outclassing all rivals wherever shown, that Fishel's Blood Lines are right? These winners are in our breeding yards. Eggs from these line bred, exhibition birds are sure to produce winners. We have twenty yards mated, the best we ever put together. Eggs from all yards at \$10.00 per fifteen, \$25.00 per fifty. Utility eggs from heavy layers at \$10.00 per hundred. Send twenty-five cents for our elaborate catalogue.

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# Rhode Island REDS

ROSE AND SINGLE COMB

We have won more prizes in the last three years, in the largest shows of the country, than any other exhibitor. This is not hot air, but facts, and is easily proven. We are in a position to furnish stock for any show, large or small, and are offering some bargains for quick sales. If you want to improve your flocks, our blood lines will do it. If you want to win, we can help you. Our beautiful catalog of 64 pages, printed in three colors, contains many articles on raising and caring for poultry. It will be sent for 20 cents in cash or stamps. We are the largest breeders of Rhode Island Reds in the world, and if you are in need of anything, come to headquarters.

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INDIANAPOLIS, INDIANA

MAYWOOD  
POULTRY FARM  
ANCHORAGE  
Eugene J. Straus.

Breeder of Exhibition  
and High Class Utility

## WHITE LEGHORNS WYANDOTTES

Write for catalogue, breeding stock, baby chicks, eggs for hatching.

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WINNINGS 1913  
Louisville, Nashville,  
Hopkinsville,  
Cincinnati, Atlanta.  
1914--Indianapolis

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WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN.



## Black LANGSHANS

Winners Augusta, Ga., Grand Central Palace, N. Y., Philadelphia, Pa., etc. Send for catalogue. DR. PETER HICKS, Box 334, Bound Brook, New Jersey.

## SINGLE COMB RHODE ISLAND REDS

My birds have won many ribbons and specials, and are especially noted for laying qualities. Eggs, \$1.50 per 15 straight. \$7.00 per 100. Stock for sale at reasonable prices. C. L. PEIRCE, Columbus, Ga.

## ORPINGTONS --- LEGHORNS

Single Comb White Orpingtons and "Winter Laying" Single Comb White Leghorns. Eggs for hatching: Orpingtons, \$2.50 per setting of 15 eggs. Leghorns, \$1.00 per setting of 15 eggs. SHELTON POULTRY FARM, Rogersville, Tenn.

## Salmon Faverolles, Anconas

Faverolles are the greatest all-purpose fowl known. Winter King layers. Eggs \$1.25 per setting or \$3.00 per 50. No stock for sale. Anconas are living egg machines. Lay all the year round. Both breeds are non-setters. No stock for sale. Circulars of these breeds free. One trio of very fine Black Orpingtons, \$6.00. Guarantee with every order. VINE-LAND POULTRY YARDS, Tullahoma, Tenn.

## Barred ROCKS

The kind that win and lay. I won 10 ribbons at the recent State Poultry show held at Lexington, Ky. Send for my mating list before placing your order for eggs. I can interest you. A. C. COFFEY, McKinney, Ky.

Who has the best bred-to-lay-and-win WHITE WYANDOTTES? My pen No. 20 in Mo. National laying contest 1913 won fourth place, laying 1759 eggs. At the Arkansas State Fair 1913, in hot competition with my bred-to-lay stock, I won 1st and 2nd hen, 1st and 2nd cockerel, 1st and 2nd pullet, 1st pen and sweepstakes for 10 best White Wyandottes in show. Eggs from these winners and layers will start you right. Only \$5.00 per 30. Free circular. S. L. TODD, R. 1, Green Forest, Ark.

## POTTS' WHITE ROCKS

CAN CROW  
LOUD AND  
BACK UP THE  
CROW

in eggs and in their show record  
—3 firsts, 4 seconds, 1 third, 1 fourth, 3  
specials on 10 entries at 3 BIG 1913  
shows. Frank A. Potts, Charlotte, N. C.

## ROSE COMB REDS

Prize winners. Heavy layers. From grand pens mated for the egg trade. No more stock for sale until after June 1st. Ask for our mating list. MRS. H. R. NUSZ & SON, Box 300, Cecilian, Ky.

## White ORPINGTONS

If you could see my Orpingtons you would look no further for breeding eggs. Kellerstrass Crystal Whites raised "The Kellerstrass Way" \$5.00 per setting. Member American White Orpington Club. MRS. OLIVER PAYNE, Crossville, Tenn.



## Twice Told Tales

Funny Sayings of Funny People

### A Direct Question.

At a reunion of the Adams family the chicken croquettes gave out, so the maids carefully neglected the younger children. After vainly trying to attract the attention of his mother, one of the little boys at the lower end of the table called out in a loud tone of voice: "Mother!"

"What is it, Albert?" she replied.

"Do you think," went on the child, "I should have liked the croquettes if I had had one?"—Almeda E. Crawford in February Lippincott's.

### An Instinctive Reason.

Minneapolis Journal: In a certain school a teacher was giving his class reading. It came to a part about a woman drowning herself. The teacher asked a boy to read again. He began:

"She threw herself into the river. Her husband, horror-stricken, rushed to the bank—"

The teacher said: "Now, tell me why the husband rushed to the bank?"

Quick and sharp came his answer: "Please, sir, to get the insurance money."

### Onions Better Than Doctors

Washington Star: Mrs. Hetty Green on her seventy-eighth birthday anniversary told a reporter that she put more faith in onions than in doctors. An onion was her recipe for colds, coughs, insomnia, nerves and many other maladies.

"An onion," she added, "is a better friend to your pocket-book than a doctor, too."

"A young lady was studying to be a nurse, and she said one day to a popular surgeon:

"What did you operate on Mr. Socis for?"

"For \$3000," the surgeon answered.

"The young nurse smiled.

"No," she said; "I mean what did he have?"

"Three thousand dollars," was the surgeon's reply."

## White LEGHORNS

Bred to Lay S. C. White Leghorns and R. I. Reds—Birds that will win at your show at your own price. I have plenty of good Ckls. and Pullets and Hens for Breeders from \$1 up. I ship, and if not satisfied I pay the Express Both Ways. Eggs for hatching, \$1 per 15 or \$5 per 100. Write me what you want and let me make you a price. HERBERT HAUN, Mohawk, Tenn.

## S. C. ORPINGTONS

Of quality—Last year eggs from our vigorous farm raised stock hatched 90 per cent. They are doing better this season. No stock to spare but plenty of eggs and baby chicks. Prices reasonable. Prompt service. Satisfaction guaranteed. TANGLEWOOD FARM, Box 104, Morristown, Tenn.

## CANCER

FREE TREATISE  
The Leach Sanatorium, Indianapolis, Ind., has published a booklet which gives interesting facts about the cause of Cancer; also tells what to do for pain, bleeding, odor, etc. Write for it today, mentioning this paper.

## FREE CATALOG

on Crystal White Orpingtons—Kellerstrass Strain—the Big Egg Producers. It gives you the names and addresses of our customers that won over Eight Hundred (800) First Prizes between Sept. 1st, 1912, and March 1st, 1913. An encyclopedia on Poultry. This Big Book is Free. KELLERSTRASS POULTRY FARM, No. 9508 Westport, Kansas City, Mo.

## R. C. RHODE ISLAND REDS

A lot of fine cockerels for sale. Eggs when wanted. Just won in show of 1013 birds, 153 Reds, 1st pen; 1st cockerel; 1st, 2nd and 3rd pullets. Cup for best Red cock, cockerel, hen and pullet in show. Five specials. Write D. MATT THOMPSON, Statesville, N. C., Box B., for new mating list.

## FOR QUICK SALE

6 hens; 1 cock, Black Javas, State Fair winners, 1913, \$15.00. 3 good Light Brahma cocks (1912 hatched) \$2.50 each. 4 hens, 1 cock Blue Andalusians, prize winners \$10.00. 3 standard Fawn and White Drakes \$2.00, or 3 \$5.00. 1 exhibition pen Fawn and White Runners, \$15.00. 1 exhibition trio Fawn and White Runners, \$8.00. 1 exhibition Fawn and White Drake, \$3.00. If interested, write quick. See our other ad. also. FAIRVIEW POULTRY YARDS, Route 2, Cookeville, Tenn.

## RICH AND WAXY

Woolley's 1914 catalog of "All Wool" Buff Leghorns and White Rocks is one of the finest ever printed. It's free. WOOLLEY'S POULTRY FARM, Route 4, Charlotte, N. C.

## White and Columbian Wyandottes

Light Brahmas, S. C. White Leghorns. Over 30 years' a breeder. Stock and eggs for sale. MICHAEL K. BOYER, Box H, Hammononton, New Jersey.

## BLACK ORPINGTONS

My 1st pen is headed by a \$200.00 cock bird weighing 11¼ lbs., mated to him four large hens weighing from 9 to 10¼, and my 1st Birmingham and Jackson, Miss., pullet. This pen is worth \$500. Eggs from this pen \$10 for 15. Second pen is headed by a June hatched cockerel weighing 9¾ and perfect type and color, low set comb and low on legs. Mated to him is Atlanta 5th hen, and three much larger and better and my 2nd and 3rd Jackson, Miss., pullets. Eggs from this pen \$7.50 for 15. Have some fine pullets and cockerels for sale—My stock came direct from the World Champion Strain Foxhurst. Book orders now. JOHN A. SHANNON, Box 174, Cullman, Ala.



## QUALITY REDS

S. C. Rhode Island

Winners at Birmingham, Huntsville, Hartselle, Memphis and Cookeville. Eggs \$2.00 and \$3.00 per 15. Catalogue and mating list free. Send for it: **BALLEW BROS.**, New Decatur, Ala., Route No. 2.

## WHITE ORPINGTONS

None Finer. Prize winners wherever shown. Eggs from breeders selected especially for heavy winter egg production, \$2.00 per 15 and upward. Baby chicks. Write for mating list. **LEEF POULTRY YARD**, Rockingham, N. C.

## S. C. Reds-Barred Rocks

**OUR BUSINESS BIRDS.** Do you want meat and eggs? Then why not get right and breed Reds and Barred Rocks? My winnings 1913, 12 firsts, 4 seconds, 1 fourth, sweepstakes, \$15.00 in gold, best pen—that's enough. Eggs, \$2.00, \$3.00 and \$5.00 per 15. A few nice Red Cockerels for sale. Write me today. **L. A. CLAYTON**, Box 135-C, Coaling, Ala.

## Bargain in Breeders

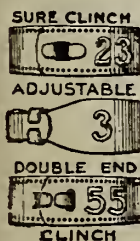
Cockerels, Pairs, Trios, or Breeding Pens in Buff Rocks, White Rocks, Anconas, White Leghorns and Black Minorcas. Also pen of fine White Runner Ducks. All to go at bargain prices for the next thirty days. Buff Rock eggs at \$1.50 per 15; \$2.00 per 30. **EVER-GREEN FARMS**, Route 5, Knoxville, Tenn.

## Barred ROCKS

The Great Winter Layers. My birds have won at the largest shows in the State this season. Stock and eggs for sale. Prices right. Write for mating list and circular. **L. C. BREEDEN**, 308 E. Main St., Bennettsville, S. C.

## SWADLEY'S WYANDOTTES

They have been bred in line for years. I have won more firsts than any Southern breeder. The first in the South to win over American, Asiatic, and English Classes on Cocks and Hens. Stock and eggs a matter of correspondence. State Director National Partridge Wyandotte Club. Reference: Unaka National Bank. **R. A. SWADLEY**, Johnson City, Tenn.



### Polished ALUMINUM Knurled Poultry Bands

Neat, strong and durable; has large raised figures; guaranteed to give best of service. Also Pigeon Bands. Price, postpaid, 12 for 15 cents; 25 for 25 cents; 50 for 35 cents; 100 for 60 cents. **NATIONAL POULTRY BAND COMPANY**, Newport, Ky.

## PARKER'S RHODE ISLAND REDS

Rose and Single Comb. Redder and better than ever. Utility stock \$1.00 and up. Write for prices on breeders and show stock. **B. D. PARKER**, Sanders, Ky.

## GAMES

**DARK CORNISH INDIAN GAME.** Home of fancy line bred Dark Cornish. None other bred. Eggs for hatching a specialty, \$3.00 and \$5.00 per 15. Stock for sale. **STANDARD POULTRY YARDS**, J. R. Flanigan, owner, R. 4, Macon, Ga.



## Twice Told Tales

Funny Sayings of Funny People

Admirer: Where did you get that heart-rending description of a sick child?

Great Author: It's the way my boy says he feels when he wants to get out of going to school.—Life.

Young lady (just from boarding school, at dinner table)—“Please, papa, I'd like a leg of the roast chicken.”

Papa—“You have had one, my dear, and your brother has the other.”

Young lady (in sprightly manner)—“Oh, sure enough! A chicken has only two legs. It's a duck that has four.”—Puck.

### A Belated Egg.

A middle-aged bachelor was in a restaurant at breakfast, when he noticed this inscription on an egg:

“To Whom it May Concern: Should this meet the eye of some young man who desires to marry a farmer's daughter, 18 years of age, kindly communicate with \_\_\_\_\_, Sparta, N. J.”

After reading this, he made haste to write to the girl offering marriage, and in a few days received this note:

“Too late. I am married now and have four children.”—Newark Star.

It was an arduous task for the teacher to drum into her youthful pupils the principles of arithmetic.

“Now, listen,” she said. “In order to subtract, things have to be in the same denomination. This is what I mean. Now, you couldn't take three apples from four peaches, nor eight marbles from twelve buttons. It must be three apples from four apples and so on. Do you understand?”

One youngster in the class raised his timid hand.

“Please, teacher,” he said, “couldn't you take three quarts of milk from two cows?”—Southern Ruralist.

## PARTRIDGE PLYMOUTH ROCKS

Eggs from the Best Birds in the South at reasonable figures; also a few pens of fine young birds for sale. **JAKE M. BROWN**, H. P. Route 1, Chattanooga, Tenn.

## Use BAIR'S Bands



for marking your poultry and pigeons. Sample dozen Ideal bands marked with raised numbers for one dime. Mention your breed. Catalog Free. “**BAIR, THE BAND MAN**,” Hanover, Pa., 54 Twilight Yards

## Lively White Orpingtons

**LAY LIVELY, LOOK LOVELY.** Bred to **LAY, WEIGH, WIN.** Kellerstrass strain—nothing better. Eggs, utility, \$2 setting 15. From **PRIZE WINNERS** and **HEAVY LAYERS**, \$3 and \$5 setting. Down-to-date winnings—Augusta, Nov. 1913. Write for circular. **LIVELY POULTRY FARM**, Augusta, Ga.

## Barred ROCKS

If you want to buy the “strongest blood line” **Barred Rocks** in the South, write me. Never fail to win. Hens, pullets and cockerels. **GRIGG**, the Barred Rock Man, Mt. Juliet, Tenn.

## WHITE WYANDOTTES

At Hamblen County Poultry Show, Dec. 1913, 1st cock; 1st hen; 1st cockerel; 1st and 2nd pullet; 1st pen; association ribbon for best cock in show; association silver cup for best exhibit. My birds are bred right, vigorous, and have the correct type. Eggs \$2.00 per 15. **Imperial Pekin Duck** eggs \$2.00 per 11. **NEWTON C. MYERS**, Greeneville, Tenn.

## S. C. WHITE LEGHORNS BARRED Plymouth ROCKS

Birds of superb quality. Have always won and are still winning at leading Southern Shows. Eggs, \$3 and \$5 per 15. Cockerels, \$1 to \$5.00. **T. D. SMITH**, Route 8, Knoxville, Tenn.



## The EXTRA EGGS

Will pay for the Imperial Automatic Feeder and Exerciser in 1 month. All high-class Poultry Breeders use them. 1½ bushel size, \$2.00. Write for Circular. **IMPERIAL MFG. CO.**, 1479 Rockway Ave., Lakewood, O.

## ROGERS' "MONEY-BACK" POULTRY PUNCH



Easiest to operate, lasts longest and you can see what you are doing. Your money back if not satisfactory. The Original Good Marker

**T. W. ROGERS**  
Box H. Lamont, Iowa

**NORTHUP'S MINORCAS.** This strain has no superiors. My stock are as near standard requirements as can be attained and are most wonderful layers. Cockerels, \$3.00 each; eggs, \$3.00 for 15; \$5.00 for 30. **MRS. J. R. CHILDER**, Route No. 5, Fayetteville, Tenn.



Established 1873

Plants in America and England

Established 1873

# WM. COOK & SONS

## ORIGINATORS

OF ALL THE

## Orpington Fowls and Ducks

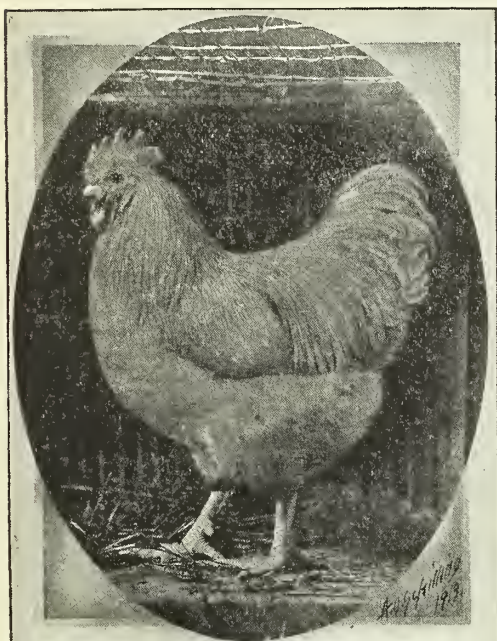
BOX H

Scotch Plains, New Jersey

EVENTUALLY if you want the BEST Orpingtons, any variety, you will buy from their ORIGINATORS. WHY NOT NOW? and avoid loss of time, money and disappointment. We GUARANTEE safe delivery and SATISFACTION, backed by a reputation of forty years. This means something to you.

NOW is the time to order your SHOW BIRDS. We can make shipment on the same day as we receive your order, either in IMPORTED or HOME-BRED stock from our winners. We keep all varieties of the Orpingtons, including the Blue or latest production. EGGS from our winners and the finest birds in the world, \$20 a setting; from fine stock, \$10.

SEND 10c FOR ILLUSTRATED CATALOG, containing history of the origination of the Orpingtons and hints on poultry keeping. Advice free. Inspection cordially invited. We have won over fourteen thousand first prizes.



FIRST PRIZE SC-BUFF ORPINGTON COCKEREL AT  
MADISON SQUARE GARDEN N.Y. 1912-13.  
BRED AND OWNED BY  
WM. COOK & SONS SCOTCH PLAINS N.J.  
ORIGINATORS OF ALL THE ORPINGTONS.

# SOUTHLAND POULTRY FARM

## ORPINGTONS

### BLACKS—BUFFS—WHITES

We lead the South for quality. Our birds, in our own hands, have met all the main Northern and Eastern breeders, and for the last 5 years have won the lion's share of prizes.

Why not come to us and buy better birds for less money?

In 1912, at the National Buff Club Show, in Birmingham, we won in Buffs, 1st cock; 4th hen; 4th cockerel; 2d, 3d pullets; 1st, 4th pens.

IN BLACKS: 1st, 3d cock; 3d hen; 1st, 3d, 4th cockerel, and sweepstakes cockerel for best bird in the show. 1st pullet, 1st, 4th pens.

IN WHITES: 4th cock; 4th hen; 4th cockerel; 2d pullet; 3d pen.

In New Orleans the next week, BUFFS: 1st, 3d cock; 2d, 4th hen; 1st, 3d pullet; 4th cockerel; 1st, 2d pen.

IN BLACKS: 2d cock; 1st, 4th cockerel, and sweepstakes again, 1st pullet; 1st, 3d pen.

WHITES: 1st pen; 2d pullet; 4th cock; 4th cockerel.

Georgia State Fair, 1913, we got seven firsts, including all first pens; four seconds; three thirds; two fourths.

In Augusta, BUFFS: 1st, 3d cock; 1st, 2d pen. BLACKS: 1st, 2d cock; 2d pen. WHITES: 3d cock; 3d pen.

Does not this prove that we have as good as there is? Our birds are all farm raised. Write us, we will convince you we can give you better values for your money than any other breeder. If you want show birds fit to win, we have them at the right prices. If you want good, strong breeders, we have them from \$3.00 to \$5.00 each, that are large and fine. Satisfaction guaranteed.

SOUTHLAND POULTRY FARM :- Box 4 :- CLARKSTON, GEORGIA

# The INDUSTRIOUS HEN, ONE YEAR, \$1.00

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN.



# THE INDUSTRIOUS HEN

Vol. 10

Knoxville, Tenn., February, 1914

(Whole No. 117) No. 9

## The Poultry Industry of East Tennessee

By F. ROGER MILLER, Vice-President, Hamblen County Poultry Association;  
Secretary, Hamblen County Farmers Co-Operative and Educational Club;  
Secretary, Morristown Board of Trade, Morristown, Tennessee



THE real development of the poultry industry in this section of East Tennessee has been accomplished within the past ten years. In 1900 the total value of poultry shipments from the Morristown district was approximately \$25,000. Three years later the volume of business had been doubled. Since that time the annual value of shipments has increased to more than \$2,000,000, the figures shown by the records of the Morristown freight and express offices for last year.

During the past year the increase in value of broiler shipments alone amounted to more than \$200,000 and the manner in which this was accomplished is of itself an interesting story—and a story of town and country cooperation, community cooperation, which again demonstrates that all things are possible when organized agencies work together for the common good.

The Morristown Board of Trade, cooperating with the Poultry Association and the Farmers' Club, inaugurated a campaign in the county for the purpose of increasing poultry production. The need for this work had previously been called to the attention of these organizations by the statement of local poultry dealers and packers that they were no longer able to secure a sufficient supply from this immediate territory and were buying in car lots from other states in order to meet the increasing demands of their regular trade.

Early in the campaign we found that our farmers must first be induced to send the mongrels to the discard, buy pure-bred fowls and enlarge their facilities by the addition of modern incubator and brooder plants. Few of them were willing to venture all the way without some definite guarantee of increased revenue in the immediate future. The matter was presented to the local packers through the Board of Trade and an agreement of 30c per pound was made for all chickens of broiler size delivered on contract during the first four months of 1913.

Armed with the proposition from the packers and information in detail concerning the profits of broiler raising, cost of equipment and plans for developing poultry raising as an important department of every business farm in the county, representatives of the Board of Trade, the Poultry Association and the Farmers' Club inaugurated their canvass.

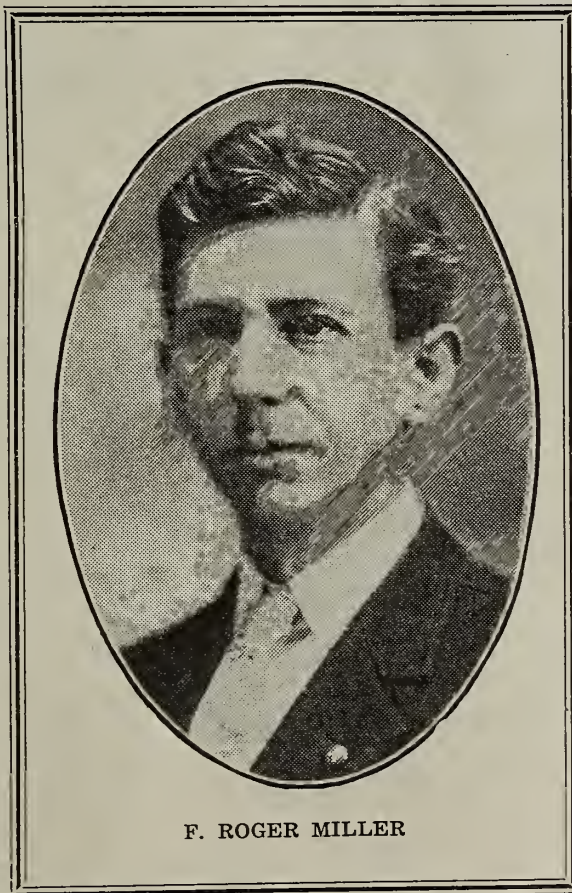
Prior to this campaign the local broiler industry had been carried on in a small way only and with little apparent prospect of large growth. During the season following the campaign over 600,000 broilers for which the farmers received an average of forty cents each, were delivered to Morristown packers, fattened in the local feeding station, which ran its full capacity of 30,000 a day throughout the season, killed, dressed, and sold as "fancy milk-fed broilers" to select dining car, hotel and restaurant trade in the large cities of the South, East and North. This much was accomplished for the development of the industry in one year. The same agencies are working on the cooperative plan for the continued development of the industry and the near future will add another million to the annual value of the shipments from Morristown alone.

Commercial poultry shipments from Morristown are now handled by a special train operated out of this city Saturday of each week. This train carries an average of fifty solid cars per month to New York and other markets of the East. In addition large quantities of dressed poultry and eggs are shipped North and South in single cars or smaller freight and express shipments. Car shipments of dressed fowls to winter resorts in Florida and to Southern hotels have become frequent, as have also car shipments of eggs to Havana, Cuba.

The newest and one of the most promising factors in the development of the industry outside the departments handled through local dealers and packers, is the sterile egg farm. These egg farms, all established within recent years, are devoting their time and efforts chiefly to the production of the "all white, sterile, guaranteed fresh eggs," and, eliminating very largely the middleman, are selling direct to concerns supplying a hotel and restaurant trade in the large cities of the East. The superior transportation facilities afforded by the cooperation of the railroads enable these farmers to

compete successfully with any section of the United States East of the Mississippi, and the time is not far distant when, with a largely increased production of eggs uniform in size, color and quality, they will be organized and represented in the principal markets of the North, East and South by their own selling agents.

Fanciers in the Morristown district have won and continue to win their full share of blue ribbons and trophies at all of the big shows in the South which they enter, demonstrating their ability to breed not only the highest type



F. ROGER MILLER



in commercial fowls but the quality birds for exhibition purposes as well. This department of the industry has not grown in proportion to the increase in commercial poultry farming, but is receiving far greater attention now than at any time in the history of the industry and with great promise of future development.

Blessed with all the natural advantages necessary to success in poultry raising, enjoying the superior transportation facilities which open the doors to the best markets of the country, and with thousands of acres ideal for poultry untouched by the plow, East Tennessee is destined to become the greatest poultry producing section in the United States and that before the passing of many years.

A few farmers, possibly, will charge me with sounding only the high notes of optimism, but those who have grasped the opportunities which surround them, have recognized in the poultry industry a business worth while to the man or woman who will give it proper time and attention, and are preparing now to share in the continued growth and development promised for the future. These poultrymen have contributed largely to the growth of the industry in the past, will continue to contribute to its future development and continue to share in the increased profits resulting.

### A Remarkable Hen

Purdue University's Poultry Department, LaFayette, Ind., has produced an extraordinary hen, and poultry fanciers and those calculating entering the business of raising poultry, might well devote some time to a consideration of the record established by her. Miss Purdue, for so the hen has been named, is a White Leghorn, and during the last two years has produced 443 eggs, weighing 41.5 pounds. A register is kept of her performance and the records are beyond any question.

Miss Purdue weighs only 3½ pounds, but in the time mentioned above she produced 11.8 times her weight. She was a gourmand and consumed over 132 pounds of feed, a feat which will surprise a great many people. From every pound of feed Miss Purdue produced 3 1-3 eggs. She manufactured one pound of eggs from every 3.2 pounds of feed. The efficiency of the engine in the body of this small bird is indeed wonderful. She is considered one of the most efficient producers of a finished product from raw material that ever existed. Agriculturists acknowledged that a steer produces a pound of beef from 12 pounds of food and that a hog requires 4 pounds before it can make a pound of pork.

It cost \$1.93 to feed the little lady for two years, but the value of her eggs at market price in LaFayette, Ind., was \$10.11. Every dozen sold for 27.4 cents, but they cost only 5.2 cents to manufacture. If it were possible to find many such hens as Purdue found in this bird, it would be easy to get rich from poultry.

Miss Purdue made a profit of \$9.00 over the cost of feed in two years. Her own value at the start was not over a dollar. Hens are certainly interesting little creatures and money-makers for their owners. Moreover, this little pride of the poultry department has produced eight sons and eight daughters, who are expected to be the progenitors of a race of heavy layers.

The value of poultry destroyed in New York City by the Board of Health around Thanksgiving, amounted to more than \$100,000, and this, it is stated, is but little when compared with the quantities which dealers refused of their own initiative. Many tons of these products went to the fertilizer pile or crematory. The specialists are positive that not a single pound of this poultry would have been wasted if the shippers and handlers had followed proper methods of chilling, dressing, storing and handling of poultry.



The above is the picture of the pen of Blue Orpingtons that we sold to Mrs. H. L. H. of Illinois, for \$1200.00, the finest pen Blue Orpingtons in America today. Eggs, \$10.00 each until pen is delivered March 1st, 1914, McKee's Orpington Farm, Box 2H, Watertown, Tenn.



# An East Tennessee Poultry Association

By D. M. OWEN, Athens, Tennessee



No section of the United States is better known than East Tennessee for its large production of poultry, and perhaps no other section depends more upon poultry for its cash income than East Tennessee. For years before the war the larger cities of the South depended on this section for their supply of poultry and eggs. When the new improved breeds of poultry were first introduced the few breeders of high class poultry in East Tennessee enjoyed a fine trade throughout the

South. No section of the United States is better located for the production of high class poultry, and the breeders of this section should enjoy as large a trade as any in the United States, but like all other kind of business at this day and time, in order to hold our trade we must continually advertise to the world what we have, and the best way to advertise to the outside world our poultry is to hold each season at least one big poultry show. New York and Boston poultry shows do more for the Eastern breeders in way of advertising their poultry interests than all other means that they adopt. The big show held at Indianapolis each season has made the middle west famous as a poultry section. East Tennessee is not getting the benefit of the advantages she has in the poultry business. She doesn't advertise to the world her poultry industry as other less favored sections do. For several years the East Tennessee Poultry Association held most successful shows at Knoxville, but for the past few years they have held none except those in connection with the exposition. It's the regular winter poultry shows that pay the breeders. They derive very little benefit from the fall shows. As a rule poultry is not in condition to be shown then, and people attending fairs and expositions have their attention on so many other things. At the winter show poultry is at its best and people attend for the purpose of seeing and buying poultry only. The winter shows are the most profitable to the breeders of high class poultry. The East Tennessee Poultry Association should be revived and the breeders of East Tennessee should all join this association and unite in holding each and every season one big show. We have the best section of the world for poultry production; East Tennessee has a long prestige as a great poultry producing section. We have the leading poultry publication of the South (The Industrious Hen) published at Knoxville and we have hundreds of breeders breeding all the varieties known. We have in East Tennessee enough well known breeders to form one of the strongest associations in the United States. We have enough high class poultry to fill any show room. Now the breeders of East Tennessee owe it to themselves and the poultry interest of this section to see that a big poultry show is held each season. Knoxville is, of course, the logical point at which to hold this show; no city has a better or livelier set of poultry breeders than Knoxville, and if the breeders of

East Tennessee will only join them they will give them a show each season that will make this section famous. There are some A-1 breeders at Morristown, Maryville, Sevierville, Johnson City, Cleveland and other towns throughout East Tennessee and I believe they will all come in and aid in having one big central show each season. Now is the time to commence, if we want to have a big show next season. Will every breeder in East Tennessee who favors such a show, and who will give the same his support, write The Industrious Hen at once and give their views about such a show? The poultry business is like any other business—you have to spend something if you make anything out of it. Eastern and Northern breeders with fewer advantages than we have are getting the cream of the business because they advertise to the world their business. I hope that the officers of the East Tennessee Poultry Association will issue a call for a meeting of all interested to meet at Knoxville at as early a

date as possible to organize and take up this matter of holding a big show next winter. Now I can say from long personal experience with them, the Knoxville breeders will do their part; will the breeders all over East Tennessee, all of whom will be largely benefited by such a show, come in and heartily join them? If they will, we will have a show that will be the pride of every East Tennessee breeder and will be the means of increasing our trade with the breeders of other sections. In next issue of The Hen I hope to hear from breeders of Cleveland, Sweetwater, Morristown, Sevierville, Johnson City, Bristol and other towns on this subject.



FIRST PRIZE BUFF LEGHORN COCK CHICAGO, DEC. 1913  
BRED & OWNED BY DR. E. G. LANDESS, FAYETTEVILLE, TENN.

A recent bulletin of the Maine Agricultural Experiment Station shows that the poultryman or farmer can materially add to the profits of his business by properly caring for the droppings of his fowls. For example, it is shown that the droppings from 1,000 fowls if preserved without needless loss are worth at least \$300 per annum, and this estimate is based on the assumption that less than half of the droppings, or only 30 pounds per hen per year, can be collected. According to the

Maine station, the droppings should be collected daily and mixed with substances which will (1) prevent loss of nitrogen, (2) add sufficient potash and phosphoric acid to make a better-balanced fertilizer, and (3) improve the mechanical condition of the manure so that it can be applied to the land with a manure spreader. This can be done as follows: To each 30 pounds of the manure add 10 pounds of sawdust, good dried loam, or peat, 16 pounds of acid phosphate, and 8 pounds of kainit. Such a mixture will contain about 1.25 per cent of nitrogen, 4.5 per cent of phosphoric acid and 2 per cent of potash, which, used at the rate of 2 tons per acre would furnish 50 pounds of nitrogen, 185 pounds of phosphoric acid and 80 pounds of potash, and at the present price of fertilizing ingredients is worth about \$10 per ton. The mixture would furnish a well-balanced stable fertilizer, which, although not fine enough to work well in drills, can be successfully applied with a manure spreader.—U. S. Department Agriculture Bulletin.



# There is Big Money in Poultry and Fruit

By IRA WATSON, Fredonia, N. Y.



AM always glad of the opportunity to say a good word for the laying hen. The American eagle is called a noble bird, but Queen Biddy ought to be stamped on the American dollar, for the hen, by her steady laying, brings the jingle of more gold and silver in the pockets of the poultry keeper and farmer than all the gold mines in the land and she does a great deal of the digging herself. It is a fact, according to the statistics, that all of the gold and silver mined in all the world

hardly more than equals the annual production of the eggs alone and does not come within a measurable distance of the value of the poultry and eggs combined. It is wonderful how the poultry industry has advanced at such a rapid rate that no mathematician can keep up with it. One would be quite apt to think that from that vast increase in the amount of eggs and poultry that prices would go down, but this is not the case, for the price of eggs and poultry has rapidly advanced within the last few years. It is very interesting to the poultry keeper that the market is never overstocked with strictly fresh eggs, nor with the first quality of poultry at prices that pay a good profit. It is no longer a question as to whether there is profit in poultry. The question is, have you the ability to make a success of it. The man behind the gun—on him depends the success or failure. If they are of the bred-to-lay kind and fed on the right system and grown with the combination of fruit, I know of no more profitable line of farming than poultry and fruit. I am often asked what is the best breed of poultry. I do not think there is any one kind that is all to the good. I like the Rhode Island Reds and have been breeding them for years, for eggs, not for show, and now have a great strain of layers. I have doubled the eggs in a year, getting two hundred (200) eggs and over per year. One hen, Golden Princess, laid two hundred ninety-one (291) eggs in a year, but, of course, others have preferred some like Rocks, others Leghorns, others Wyandottes and so on and there are good and poor ones in all the breeds, as shown by the egg laying contest. Lady Showyou laid 281 eggs of the Missouri contest. She, I think, is a White Rock and Canada has a 282 B. P. Rock. The Connecticut Experiment Station has a S. C. White Leghorn that laid 282 eggs and Oregon Agricultural College has a 291 White Leghorn hen, and some think the 300 egg hen is in sight and I think that the great reason that many fail in poultry is that they don't start right. They start with the kind that is bred for show. I know that you can make a grand success by starting with the kind that is bred to lay and feed them well, have open front hen houses, feed them mixed grain in deep litter; in the morning wheat and oats, at night corn and buckwheat and give them one feed a day, at noon, of dry mash and beets or cabbage. The beets and cab-

bage at noon in the open front house and deep litter will keep them working, will bring you the winter eggs and will keep your hen strong and healthy. In December, 1912, I gathered 187 dozen eggs from 150 hens that sold at 45 cents per dozen and others can do just as well if they get the bred-to-lay kind.

## WHITE DIARRHOEA.

This is the one thing that has put more out of the poultry business than all other things combined. The mortality caused by this is something dreadful. It has been the general remark that they could hatch the chicks all right but in from two to eight day they would start to droop their wings and in a few days would die, and not one of us in a hundred knew what it was. Many thought it was the brooder being too hot or too cold; now it's been proven

that it is White Diarrhoea, and the best of authorities state that 50 per cent. of all chicks hatched have been dying with the disease. One big breeder stated that he had gathered up and buried enough chicks that died from the disease to make him a millionaire. Stop this terrible mortality. For six years I have raised 96 per cent. of my chicks hatched free from this disease. You will find my advertisement in this paper about this remedy.

## How Many Hens Can be Profitably Kept on a General Farm or Fruit Farm?

After years of experience in breeding poultry and growing fruit, I am convinced that you are much more apt to succeed with poultry and fruit and that 500 to 1000 hens can profitably be kept on a ten to a thirty acre fruit farm. The hens help the fruit by picking up the worms and grubs and the hens need the shade of the fruit trees in the hot weather or summer.

## How Much Profit Per Hen.

You can figure on at least one dollar per hen, above all expenses and if you have got an egg laying strain, you can make two dollars or more. I have many letters from my

old customers from all parts of the country, with reports of from \$2.50 to \$7.35 per hen for the eggs sold at the market price. The great reason that many fail to make a success in the poultry business is that they do not start right. No man would begin to breed trotting stock by starting with draft horses, but would get the very best trotting stock to start with; and no man who wanted to start a dairy for butter would get Hereford or Durham cattle, yet nine men out of ten in starting a commercial flock, will take any old thing or will send to some breeder who will tell him how many blues he has taken. Now the show bird is all right in its place, but the man who wants eggs and dollars should get started with a strain that have been bred to lay. There is just as much difference in the ability of hens to lay eggs as there is in cows to give rich milk or there is in people to acquire wealth. To be sure, not every hen will be a great layer that is hatched from a laying strain, nor will every





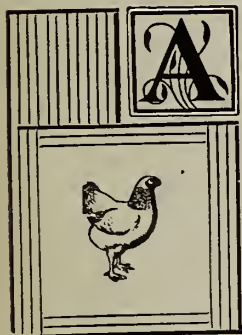
heifer from a good cow be as good as her dam, but the way to get good ones is to breed from the good ones; and the American poultry keepers are now looking for the hen that has been bred to lay. It takes years of hard work and experimenting to establish a strain of great layers. After years of experience of breeding and feeding for production of eggs, I am convinced that success not only depends upon natural ability but upon a thorough understanding of the law of hereditary organism before we can intelligently breed for heavy egg production.

I have contended for years that there was as much in breeding hens as there was in breeding cows for butter and milk, and now nearly all the experiment stations are coming out with the same statement and one of the greatest factors is in having a cock or cockerel from a hen that has been a great layer to head your flock and I know that when my brother fruit growers and farmers realize the sure money to be made from a flock of 500 to 1500 hens, not only the money from the eggs and poultry sold, but from the great value of the fertilizer procured from the hens. I know from practical experience that 1400 pounds of hen manure, 400 pounds of acid phosphate and 200 pounds of muriate of potash is worth more in growing

fruit and vegetables than a ton of the best commercial fertilizer. I can double the yield in all kinds of fruit and vegetables with the hen fertilizer. The best way to mix the acid phosphate with the hen manure is to keep your phosphate in your hen house and sprinkle one pound on the droppings every morning to every twenty to twenty-five hens and I have sand for floors and I sprinkle a small amount of sand on the dropping boards every time I clean off the boards. The muriate I sow broadcast on the land when I use the hen fertilizer. I have grown twenty-five tons of tomatoes per acre with this manure. This is the time of year to make your plans; make your hen house sixteen to twenty feet wide and length according to the number of hens you want to keep and have open front; two windows in each pen and the openings three feet from window to window, and I have light sheeting tacked on frames hinged at top and swing up. This is open on all good sunny days when the wind does not blow. If you give your hens good feed in deep litter in this kind of house, you will get winter eggs, when prices are high. I make my own lice powder and to any reader of this paper sending a stamp, I will tell how to make it, also how to make a good roup cure.

## What Is Your Aim With Poultry?

MRS. OLIVER PAYNE, Crossville, Tennessee



ANY one making a failure in poultry keeping hurts not only themselves, but the whole of the poultry industry. Not many can make a failure and take the blame themselves, allowing the industry to remain unharmed. For this reason those who are really interested in poultry welfare are studying, trying each day to solve some problem, thereby lessening the difficulties of others. One cause of dissatisfaction, if not actual failure, is a lack of some definite aim before starting,

some special goal to which we should work. Lack of method is bound to follow such a course, and without method, there is no success. Plan your work well ahead; decide whether you want to raise for market eggs and broilers, or for fancy show birds and breeding eggs.

Different housing, different birds, care and feed must be given and no one can succeed until he knows well what he is trying to succeed in. Having decided entirely what you want, study each phase thoroughly, don't just let things happen as they will. Trusting to Providence is a pet expression of the lazy man, but we have all heard the old negro yarn of Providence who didn't attend to his own corn patch. If your efforts are successful, give the credit to "luck" if you want to, but if they are a failure, take the blame to yourself, and find the reason so the mistake won't happen again. Some people get such a bad case of chicken fever they do not stop to consider any of the essentials except "some houses" and "some chickens". They are so enthusiastic and so sure of getting rich quick they intend to sell market eggs, breeding eggs and broilers all at the same time. If they get some of the smaller egg laying breeds they gradually die out of the broiler business, sometimes letting the quality of their stock decrease at the same time, and end after several years struggle, in the market egg business or entirely out of the poultry business, sounding a warning note to every one who contemplates starting even in the proper way, while had they only stopped and done their planning in the start would have been saved many a dollar and disappointment and added another to the ranks of good successful poultry raisers. There is no "best" branch of the industry any more than there is a "best" breed—everything depends. The market egg man does not get such high prices for his eggs as the breeding egg man, neither does he have to keep the standard of excellence in his flock. The person raising fancy show birds gets better prices than one raising broilers and he also spends much more time, money and thought. So it is for each one to

decide which end of the industry he prefers taking up, and then work unceasingly along that line. Let the success of others in their line encourage you in yours, and those who are in yours, be an incentive for the things you may do if you only will.



Tommie Lee Gillem and her hen, "Queen of Tennessee," won first at Tennessee State Fair, 1912-13; bred and owned by Fairview Poultry Yards, R. F. D. No. 2, Cookeville, Tennessee.

Mayfield, Ky., Feb. 3, 1914.

The Industrious Hen, Knoxville, Tenn.,

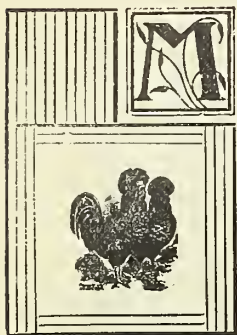
Gentlemen:—I received your letter of recent date. I shall not want an ad this month. The fact is, I am still receiving orders from my former advertisements, which I cannot fill, and it is useless to advertise further until I have enlarged my flocks. Am increasing my Partridge Wyandotte pens now, and will probably want an advertisement later in the season. The Hen gets the business, all right.

Yours truly,  
J. G. ROBBINS.



# Vicious Habits--Cause, Prevention and Cure

By S. P. PORTER, Mallet Creek, Ohio



ANY a flock of fine birds have been ruined and profits to their owners dwarfed by their acquiring bad habits, and these habits are generally started at about this time of year. Idleness during confinement in winter breeds two vicious habits, viz: egg eating and feather plucking, and it's of these habits we will treat at this time.

Chickens are naturally active, and their nature is to wander about in quest of food, but when confined the wandering about is at a standstill, and the naturally busy birds must do something, and it's for the want of that something to do, and the lack of a variety of food they get when at large that brings on these habits.

**Egg Eating**—There are several things that bring on this very annoying habit; such as an egg getting broken by accident, eggs being bursted by frost, or being dropped on floor or roost; anything that causes breakage, as when egg is broken the fowls look upon it as an article of food and soon learn to pounce upon a broken egg and devour it in a ravenous manner, and in a short time this habit grows on them so fast that other members of a flock will stand around a nest waiting when one of their number goes on a nest to lay, and like so many wolves, they fight and struggle to get a taste of the egg when she drops it. Oftentimes the owner, not seeing any of their action, wonders why they don't get any eggs from their pen, as they look so red of comb and so bright, but they don't carry on this work long before the effect of a high egg diet tells on them rapidly. They get very fat from eating eggs, one of the very strongest foods known; leg weakness comes on; their eyes are weak and half closed, and several may be found lying around the coop in the morning when the attendant goes to feed and water. Another effect is, they haven't the strength to expel their own eggs. Many attendants mistake these symptoms for something else, and at once begin doping them with a little of every kind of chicken medicine known, and often kill them outright with so-called kindness without knowing the real cause of the trouble.

**Prevention and Cure**—Give the fowls employment in any and every way possible; throw a big bone with a little raw meat adhering to it, into their pen; they work away at it for a day or more; a bundle of corn fodder or two stood up in their coops will give them employment for some time, (but mind you the remains of these things must be removed, so as not to help accumulate filth), and new attractions given them daily if possible; a little green cut bone daily helps to quiet that great, but natural desire for animal food that they get in abundance when running at large; make soft nests and be sure that no eggs remain over night. A china egg or two thrown on the floor rather fools them, but has been found by the writer not to be a cure by any means. We use a dark nest, which is a prevention and practically a sure cure. Some years ago we saw evidence of egg eating in a pen of Anconas which looked the picture of health and laying hens, but day after day passed and no eggs; neither did

we catch them at their devilishness. So we planned a dark nest and put in their pen one morning and was rewarded at noon by finding seven nice clean eggs in our patent box and no broken ones. Here is a description of the box: Box should be about 18x18 inches by twice as long; for medium sized fowls; should lay on its side; before nailing on the top or cover, nail a 6 inch board crosswise about 16 inches from one end at the bottom for the nest, then cut a hole in one side at the bottom for the hen to enter; now make a little door over the nest in the top big enough to get the eggs or to take a hen out in case you should wish to; fill the nest half full of soft straw or chaff, and you have a nest that will come nearer preventing and curing this trouble than anything else of which we know. The hen enters the hole made for her; sees just enough to make her think she has found a nice place for a nest and turns into the nest satisfied; her own body darkening the nest as she approaches it. Darkness is the cure and hens seem to like the medicine.

**Feather Plucking**—Though perhaps not quite so bad a habit, comes dangerously near it. This is started sometimes late in the fall when some hens are nearly bare through late and retarded moult. When feathers are short, just coming on, full of sap, other hens see them and picking them soon get a taste of blood and the habit starts with a whirlwind—others see the blood and get a taste also, and it becomes general at once, and the poor half-bare hens are nearly eaten up before the attendant notices the trouble. While this is perhaps the most common cause of the habit, it is often started by egg eaters who get egg on their plumage and others pick at it and pull a few feathers; then as they learn the trick they go after the feathers regardless of the egg soil, and after blood starts even the bird itself will pluck its own feathers, then the trouble becomes general. We have seen flocks of fowls where over half of them had not a feather on their necks from body to ear lobes. We have heard it said that when once formed, this habit could not be stopped, but we can not tumble to that decision. If the fowls affected are rubbed thoroughly with insect powder (being careful,

however, not to kill any lice) some very strong smelling kind, the pesky feather eater will soon give up the job, and hunt food elsewhere. If they insist on eating feather and powder all together it will be something new, for we have never known this remedy to fail even after birds were nearly all bare. A close watch of our birds at all times to the end that we catch them at their misdeeds at the start, will many times save us endless trouble.

## Hens Build Church

The people of a certain Canadian town are devoting all eggs laid on Sunday to the rebuilding of the village church.—Poultry Record.

May the hens lay well in that town each Sabbath.—Ed.

Far better, son, to be a bootblack than a blackguard or cad. It is more honorable to blacken a man's shoes than his reputation.





# Advertising in the Poultry Business

By J. W. BEESON, A. M., LL. D. Meridian, Mississippi



It is one thing to make a success in raising poultry and quite another proposition to succeed in disposing of the product. One may succeed at one and make a failure at the other. It takes both to make a success in the poultry business, or in any other business. One must first of all have some good thoroughbred stock for sale. Sell out the mixed breed gradually, and select some of the many fine breeds, such as Orpingtons, Wyandottes, R. I. Reds or Rocks, some all purpose fowl

is best as a rule. Get the best stock you can find to start with. After getting a start in some good breed, keep it up to the best standard by eating or selling for the market the poorest specimens. Keep no runt or off color or defective bird, it spoils the flock and is a poor advertisement. Have only one kind in a yard. It makes a beautiful sight to have a fine flock of thoroughbred fowls all of one kind on the lawn or in the barnyard. The passerby is charmed and that is the first advertisement. One must really have something good to advertise; get a description of a perfect type of the breed you raise, then breed to it. Attend all fairs, poultry shows and poultry institutes in order to learn all you can about this breed and how to bring it to perfection. Breed for good layers as well as for good looking fowls. Set eggs from your best laying hens and line breed them. You can get a toe punch for a few cents and mark the chicks from certain hens by punching the web between certain toes, and writing down the record. This hole will not grow up but grow larger, so you can always tell this fowl and know its ancestry.

If one wants to reach the fancier, the poultry journal is a fine medium for advertisement. People who take a poultry journal are those directly interested in poultry, and they are generally willing to pay a fancy price for a fancy specimen. It is a good plan to keep a breeder's card in one or more leading papers of your section the year around, or at least when you have something for sale. If you have much to dispose of you will also want a good display advertisement through the busiest season of sale, or the whole year if your supply for sale will justify. It is better to have a large display advertisement with a cut of what is for sale in one issue rather than insignificant advertisement in for a longer time. If one wishes to build up a demand for his blooded poultry he must advertise. One is ready to say he cannot afford it. It would be more correct to say he cannot afford not to advertise. He can add the cost of advertising to the price of the sale and then not lose the cost. One can keep a breeders card in one or more papers that are good advertising mediums and sell the thoroughbred stock at a good profit rather than depend upon the local market for sales.

The parcel post is a boon to the farmer. He can have his market 50 miles or 150 miles away and add the postage to the selling price and then deliver eggs for eating or hatching purposes. Of course one cannot sell all eggs and fowls for breeders, but whatever is sold this way brings a higher price and brings up the profit. Do not sell the eggs or breeders too low. After culling closely and breeding carefully they are worth more. Eggs for eating ought to be carefully assorted. Keep very clean,

select according to size and color. Put all white eggs together and all brown eggs in a different package. Put large eggs together and use the smallest ones or odd shaped ones or the ones with two yellows at home if you need eggs. It spoils the sale to have all sorts mixed together; never sell a dirty egg or a bad egg. It pays to guarantee every egg. If you live near a large town or hotel, build up a fancy trade at advanced price. By putting eggs in cartons one dozen in a package with the name of your farm printed on the package, guaranteeing the eggs, will enable you to get 5 cents or 10 cents above the market price, by selling to careful customers. The cartons cost only a little over a half cent each.

The Woman's College Poultry Farm has tried the above plan with good success. It never sells eggs for eating purposes during the breeding season, but when that time is over it has to seek market for its products during school vacation. It has found that by careful handling, and grading, packing in cartons of one dozen each, it can find sale when others fail. At first they told us "an egg



is an egg." But when we began to guarantee every egg to be good or replaced, as the weather became warm, they prepared to pay from 5 cents to 10 cents a dozen above market price for fresh laid eggs. One must advertise in various ways to make a success. First have something that will itself attract, then let the people know about it. This college farm has shipped breeding stock, and eggs for hatching in nearly all the states in the union, also to Mexico, Panama and Cuba. We took twelve White Orpingtons and raised enough fancy chickens from them for breeders in one year to make \$500.00 if all the stock had been sold. We kept the best specimens for our own breeders and rated them at the price we sold the other specimens. We did this by advertising. We do not often succeed that well, but our advertising nearly always brings results. We must advertise if we expect to sell to advantage.

When possible the chickens should be kept apart from the older fowls until they are nearly grown. It is not good to have all ages and sizes together. At feeding time, under such conditions, the younger birds are ill-treated and prevented from getting their share of the food, often having but little to eat. It is difficult for them to grow and thrive under such circumstances. In the general scramble for food daily the smaller chickens probably have to be content with the dirty trodden-in remains after the big fowls have finished.







# "BLUE-BAR" EGGS FOR HATCHING

**ARE THE BEST** BARRED PLYMOUTH ROCK EGGS that you can buy anywhere. Never before has it been my privilege to mate up such a wonderful lot of birds. Every cockerel-bred pen is headed by a first prize male, and every pullet-bred pen is made up entirely of prize winning females. Think of it, where before have you had an opportunity to buy eggs from such matings? Why not write and find out when and where every one of these winnings were made? At the recent Waynesville, Va., show my "Blue Bars" won first and fourth cock; first and second pullet; first pen; second cockerel; second and third hen and best display, making a grand total of two hundred and nineteen silver cups, ribbons and special prizes won in the last three years. Eggs for hatching from these matings of demonstrated quality, \$2. to \$10 per 15. Write for my big new catalog; it's free.

**L. H. READE**

(Highland Park)

**RICHMOND, VA.**

## Our Breeders and Their Birds

By **EDW. M. GRAHAM**, Knoxville, Tennessee

C. A. Adams, Fairburn, Ga., writes us that on three entries of White Wyandottes at the Atlanta show last December, he won 1st cockerel; 1st hen and 3rd pullet. See his ad. in this issue.

Haldie Nicholson, Leominster, Mass., the Blue Orpington man, has made fine winnings this season as will be seen by reading his ad. in this issue. Turn to it now and read it. Then write him your wants.

N. M. Ruthstein, Racine, Wis., is a new advertiser in The Industrious Hen, and he has something of interest to every man engaged in poultry raising. Look for his ad. now, and in writing please mention The Hen.

Mrs. R. L. Dudley, Columbus, Ga., made the following winnings at Augusta in November, on Mottled Anconas: 2nd, 4th pen, in hot competition. At Columbus, 1st cock; 1st cockerel; 1st, 4th pullet; 2nd pen. See ad. elsewhere.

Mrs. J. C. Shofner, R. 1, Mulberry, Tenn., says she has about 25 more fine turkey hens and extra nice pullets for sale, but no more toms. This surplus stock will go fast, and you had better look up her ad. in The Hen and write her.

Chiles & Co., Mt. Sterling, Ky., in a recent letter to us say that they have purchased all Blue Orpingtons from the Briarcliff Farm, Atlanta, Ga. This firm handles many breeds, and it will pay you to read their ad. on back cover page before placing your order.

We wish to call attention to the display ad. of C. J. Loyd & Son, Greensburg, Ind., in this issue. This firm breeds prize-winning Partridge Rocks, a breed that is destined to become popular in the South. Send for circulars after reading their ad.

Prof. Dinsmore Alter, of Tuscaloosa, Ala., breeder of Buff Rocks, had confidence enough in his birds to send them to the Missouri egg laying contest. Prof. Alter says he will stop short of nothing less than the best Buff Rocks in the world. See his ad. on the back cover.

Sandy Run Poultry Yards, Ellenboro, N. C., of which A. S. Harrill is proprietor, has made some exceptionally good show records this season. Mr. Harrill won most of the prizes at Darlington, S. C., Morganton, Shelby, Lincolnton and Raleigh, N. C., At the Charlotte, N. C., show in addition to the winnings reported last month, Mr. Harrill won silver

## ALDRICH ORPINGTONS WHITE

If you want to know all about the most popular variety of poultry, and also about our wonderful winnings at the great Madison Square Garden and Chicago shows this season send for our beautiful catalogue and mating list; the finest ever issued on White Orpingtons. Our pens contain all the winning male birds at both New York and Chicago this season, and we are now booking eggs from the best pens ever mated in the world, at \$5 and \$15 per setting, fertility guaranteed.

**ALDRICH POULTRY FARM, 8058 N. High St., COLUMBUS, OHIO**

W. C. LASSITER

MRS. W. C. LASSITER

## Black ORPINGTONS

Our stock is of the highest quality. Shipped on approval. A few Norfolk, Va., winnings, January 6-9, 1914: Silver cup, 10 best birds in show; Silver cup, best male bird in show. Three other cups, and a number of specials. Lynchburg, Va., 1914: Five firsts on five entries. Stock and eggs for sale. Write for mating list.

**LASSITER ORPINGTON YARDS, Highland Park, RICHMOND, VA.**

## EGGS--GABHART'S White LEGHORNS--EGGS

Strictly line bred ten years. Remember I have won and furnished winners for the best shows where competition is strong. Guaranteed eggs to hatch and arrive in safe condition at \$3.00 to \$5.00 per 15 Eggs from pure stock on free range, \$1.00 per 15; \$5.00 per 100. W. E. GABHART, Box M, Bohon, Ky.

## JNO. LOW SMITH'S

World's Best Winning and persistent Egg Laying strains, 241 Peters St., Atlanta, Ga. 1200 prizes and 35 cups last 5 years. Augusta, Nov. 1913: 16 firsts, 4 cups and \$99.00 in cash. Buff Leghorns; 2 and 5 cock; 1, 2 and 5 hen; 1 and 2 cockerels in class of 8, 2nd pullet; 2, 4 and 5 pen; \$10.00 best Buff Leghorn display. All firsts Rose Comb Reds. All firsts Buff Cochins Bants, including 1st cock; 1st, 2nd, and 4th hen; 1st ckl; 1st, 3rd and 4th pullet; 1st and 2nd pen; \$25.00 pen cup; \$25.00 ckl. cup and \$15.00 champion display. One week later at Columbus, 16 of a possible 18 firsts and 4 \$25.00 cups. Eggs from clear Golden Buff males and females. S. C. Buff Leghorns. Wonderful Layers. \$5.00, 15. Grand matings, \$3.00 and \$1.50, 15. Eggs from Rich Rose Comb Reds, 200 egg record; blood that won National Egg Contest over all \$3 for 15. \$5.00, 30. Fine matings, \$1.50, 15; \$2.50, 30. All record laying stock. Eggs from small, fluffy, solid, Golden Buff Cochins Bantams that have swept nearly all Southern shows clean—for I own and have bred some of the finest in the world—\$3.00, 13. I have won firsts at New York, Memphis, Augusta, Macon and at Atlanta. Jan. 1912, in class of 125 Buff Rocks I won all firsts and \$50.00 in gold for best display, any variety. Eggs, \$3.00, 15. Birds from \$2.00 to \$25.00. Send for circular.

**JOHN LOW SMITH, 241 Peters St., ATLANTA, GA.**

## WYANDOTTES, LEGHORNS, ANCONAS, CORNISH

Eggs and Day Old Chicks for Sale. Prices Reasonable for Quality Given. Write for Circular.

**GOAT ABERNETHY**

**LENOIR, NORTH CAROLINA**



# WHITE Plymouth ROCKS

Winners for years at the best shows. Are offering special mated trios at \$7.50, \$10.00, and \$15.00. Pens at \$10.00, \$15.00 and \$20.00. Cockerels, \$3.00 and \$5.00. Eggs from select matings, \$2.00 per 15. From all exhibition matings, \$5.00 per 15. Incubator lots of 50 or more at \$10.00 per 100. Send us your orders. We guarantee satisfaction.

PATTERSON FARM

--

FITZGERALD, GEORGIA

## MOUNTAIN VIEW FARM

S. C. White Leghorns and S. C. Black Minorcas are bred for eggs and exhibition. We have won many firsts and specials at five big shows this season. EGGS FROM GRAND MATINGS NOW READY. Also incubator eggs from pens headed by cockerels from trap-nested hens, with high egg records. Write for prices on eggs or stock.

D. R. McBRAYER, Manager

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Box 4-H

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MOORESBORO, N. C.

## NO LIVING MAN

SEE THAT "XX"?

can hatch one egg the Magic Egg Tester rejects before incubation. We challenge the world to do it.

Why put eggs under the hen or in the incubator that you are not first sure about? You lose if you do it. You are wasting the earliest and best hatching month if you delay its use. Heed this warning, or next May you will wish you had. "The Magic Egg Tester is the poultry raiser's *vade mecum*." \$2.00 each, and no further expense to use. One year's trial, fully

guaranteed, and cost refunded if not satisfied. Experimental specialists in incubation, giving the latest and best methods with each Tester. Circular mailed for the asking.

MAGIC EGG TESTER WORKS, Dept. G Buffalo, N. Y., also Bridgeburg, Canada.

## ERVIN'S S. C. RHODE ISLAND REDS

Have won places in the hottest of competition wherever shown. Some of my winnings for 1913: Spartanburg's great poultry show, 87 Reds competing, 1st pullet; 1st and 5th hen; 3rd cock; 4th cockerel; 1st pen. Special for best pullet in show, all varieties competing. Atlanta's great Southern International show, 2nd pullet and 5th cockerel. Will sell a limited quantity of eggs from my best pens at \$5.00 for 15. Eggs from other good Reds, \$2.00 for 15.

J. D. ERVIN

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P. O. Box 97

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SPARTANBURG, S. C.

## QUINTIN'S

Single  
Comb

RHODE ISLAND REDS

The Winners

COLOR, TYPE AND UTILITY

Southside Fair, 1913: 1st, 2nd, 3rd, cock; 3rd and 4th hen; 3rd pullet; 1st and 2nd cockerel; 1st, 2nd and 4th pen.

Richmond, December, 1913: 1st cock; 3rd hen; 4th cockerel; 1st and 3rd pullet; 3rd pen.

Norfolk, January, 1914: 1st and 4th cock; 1st and 3rd hen; 1st pullet; 2nd and 4th cockerel; 1st pen.

Lynchburg, January, 1914: 1st cock; 5th hen; 4th cockerel; 1st and 4th pullet; 1st pen.

The above are some of my recent winnings in the hottest kind of competition and speak for the quality of my birds. I still have a number of good cockerels for sale at reasonable prices. Stock and eggs guaranteed as represented. Send for mating list for 1914. Visitors always welcome.

D. SCOTT QUINTIN

--

Box 174

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PETERSBURG, VIRGINIA

## SINGLE COMB WHITE LEGHORNS

No better strain of layers in United States. Have been 14 years building it. Each pen headed by a cock of Young's famous strain. Every bird pure white, good points throughout. Eggs for setting, incubation and day old chicks. For prices write

W. R. SKINNER

--

608 W. Ocmulgee Ave.

--

FITZGERALD, GEORGIA

cup for best cock, hen, cockerel and pullet in show, all varieties competing; also special for best male bird in show, all varieties competing, and also special for 10 best birds in show at Ellenboro. Mr. Harrill won almost every first with birds scoring to 96 1-2 points. See his ad. in this issue. He raises Partridge, White and Columbian Wyandottes, Black Minorcas and Brown Leghorns.

In this issue you will find the ad. of L. C. Breeden, Bennettsville, S. C., breeder of exhibition and utility Barred Plymouth Rocks. Mr. Breeden has issued his 1914 mating list which shows several pens mated for the egg season. Send for a copy of it before placing your order.

Frank A. Potts, 1907 Cleveland Ave., Charlotte, N. C., breeder of White Rocks, has issued his annual mating list, which contains a number of fine show winnings. He has several pens mated to supply the egg trade, and you should read his ad. in The Hen and write him before placing your order.

Dr. E. S. Landess, Fayetteville, Tenn., writes us that at the recent Chicago show he won on S. C. Buff Leghorns 1st cock; 3rd cockerel. Dr. Landess is an expert poultryman, having had many years experience as a breeder of fine birds. Read his ad. in The Hen before placing your order.

At the January, 1914, Indiar polis Show, Maywood Poultry Farm, Anchorage, Ky., won on White Leghorns and White Wyandottes: 1st old pen; 1st young pen; 1st cock; 1st cockerel; 2nd, 3rd hen; 2nd, 4th pullet. You will find the ad. of this progressive poultry farm in this issue.

At the great Madison Square Garden Show, December, 1913, the Aldrich Poultry Farm made a wonderful winning, taking 1st pen; 1st, 2nd and 3rd cockerel; 1st, 3rd and 4th cock; 1st hen and 2nd pullet, and special for best display, in competition with all the largest breeders of America, and strings from Canada and England.

Carrington Jones, Buntyn, Tenn., is devoting his entire time to poultry raising. He breeds Dixie's quality strain White Wyandottes, blue ribbon winners and fine layers. He was recently elected a director of the Tri-State Poultry Association. He is also a director of the Mississippi State and West Tennessee Poultry Associations. See his ad. in this issue.

Cravenheim Poultry Farm, Bound Brook, N. J., of which Elias Peter Hicks, M. D., is proprietor, breeds Black Langshans and S. C. Anconas of the highest quality. Dr. Hicks' winnings include first at Grand Central Palace, N. Y., Philadelphia, and other leading shows of the country, including Augusta, Ga. See ads. in this issue of The Hen and write him before buying.

You will find the ad. of the Penna. Poultry Farm, Lancaster, Pa., in this issue. This farm breeds high-class utility pedigreed S. C. White Leghorns, S. C. Rhode Island Reds, Buff Orpingtons, White Wyandottes. Every layer is trap-nested. This farm owns the winners of the Missouri egg laying contest, and their pictures will appear in our March issue. Read their ad.

Wm. Cook & Sons, of Scotch Plains, N. J., originators of all the Orpingtons, have just informed us that at the recent Cleveland, Ohio, show, they won on Buff Orpingtons 1st cock; 1st, 2nd cockerel; 1st pen; 1st hen. On White Orpingtons, 1st cock; 1st pen; 1st hen; 2nd pullet; 2nd cockerel. On Black Orpingtons, 1st cockerel; 1st pen; 2nd cock; 2nd pullet. First Blue Orpington pen.

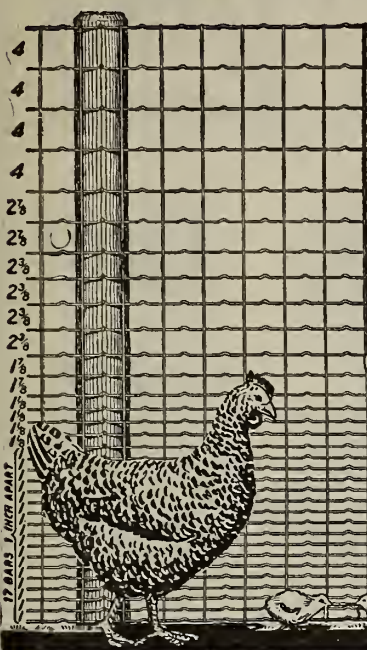
Sam T. Smith, Box 694, Jacksonville, Fla., breeder of Brown Leghorns, furnishes us with his winnings at Tampa, Fla., recently as follows: 1st pullet; 4th cockerel; 1st, 2nd, 3rd cock; 3rd and 4th pen. The class was a good one. Mr. Smith's pullets scored 94 1-2 points by Judge Lansden. He also won special for best shape bird, and for best display of Leghorns from Florida.

Martin F. Schultes, Albashire, Bartlett, Tenn., writes us as follows: At Pine Bluff, Ark., which was the best poultry show ever staged in the great southwest, our White Plymouth Rocks again won a decisive majority of the firsts and regular prizes and also won every breed special and all sweepstakes prizes open to all breeds and varieties. This inclu-





# "PITTSBURGH PERFECT" Chicken & Rabbit Fence



Note the close spacing of the line wires. This is the one style of fencing that actually keeps your smallest chickens within bounds, and affords them absolute protection from prowling, destructive animals.

Made of large, special-formula Open Hearth wire, thoroughly galvanized with pure zinc, and

## WELDED BY ELECTRICITY

wherever one wire comes in contact with another. Inseparable joints are thus formed, making a rigid, one-piece fabric, requiring fewer posts. Easily erected. No top and bottom boards necessary. Outlasts other chicken fences by years. Because of its great strength, utility and durable effectiveness, it is at once the cheapest and best chicken fence you can buy.

## EVERY ROD GUARANTEED

Write for new catalogue describing this and other styles made for every FIELD FARM, RANCH, LAWN and POULTRY and GARDEN purpose. SOLD BY DEALERS EVERYWHERE.

## PITTSBURGH STEEL CO., PITTSBURGH, PA.

Makers of "PITTSBURGH PERFECT" Brands of Barbed Wire; Smooth Wire; Hard Spring Coil Wire; Twisted Cable Wire; Telephone Wire; Bale Ties; Fence Staples; Poultry Netting Staples; Regular and Galvanized Wire Nails; Large Head Roofing Nail; "PITTSBURGH PERFECT" Fencing.



ded the grand challenge cup for the best ten birds in the entire show, all birds in show competing, \$100.00 value. This is the fourth successive year that our birds have defeated the country's finest specimens of this popular breed at the South's largest shows. No other breeder can show a record that will even compare with his winnings. See his ad. in The Hen.

We are glad to call attention to the display ad. in this issue of S. A. Nofztger, North Manchester, Indiana, the originator of Partridge Plymouth Rocks. In the national egg laying contest of the National Poultry Association, 1911, Mr. Nofztger's birds averaged 235 eggs each. This breed is gaining in favor in the South. See Mr. Nofztger's ad. and write for his mating list.

The Lawrence Farm, Jacksonville, Ala., of which Dr. F. M. Lawrence is proprietor, has a large display ad. in this issue. This farm raises S. C. Buff Orpingtons and Partridge Plymouth Rocks. Dr. Lawrence has just issued his 1914 mating list which shows many fine pens mated for the egg trade. Lawrence Farm birds have won the blues at several of the South's leading shows. Write for mating list.

H. L. D. Hughes, Danville, Ga., made the following winnings at the recent Florida Fanciers' Association show at Tampa: Black Orpingtons—1st cockerel; 1st, 5th hen; 3rd, 4th pullet; on five entries. Buff Orpington Ducks—1st cock; 3rd cockerel; 1st, 2nd pullet, on four entries. White Runners—1st cock; 1st cockerel; 1st, 2nd hen; 1st pullet; 1st pen, on six entries. See his ad. in The Hen.

O. T. Hallman, recently of Charlotte, N. C., has leased the famous "Red Acres" Poultry Farm, near Salisbury, N. C., and has taken

charge of same. This plant is among the best equipped in the Carolinas, having the Hall Mammoth Incubator and Brooding System, plenty of range and splendid houses. Mr. Hallman will continue to breed S. C. White Leghorns exclusively, and informs us that he is in position to furnish top notchers in this famous breed. See his ad. in The Hen.

In our January issue we made the statement that the Wynoke Poultry Yards won 1st and 2d cock at the recent Chattanooga show on Buff Rocks. Jno. G. Fletcher, 404 Vance Ave., Chattanooga, informs us that he made these winnings, stating that he won 1st cock; 1st cockerel; 1st and 2nd pullet; 2nd and 3rd hen. The error was unintentional on our part, and we are glad to publish the above. S. Mr. Fletcher's ad. in The Hen.

S. L. Todd, proprietor of Square Deal Poultry Farm, R. F. D. No. 1, Green Forest, Ark., informs us that at the recent Pine Bluff show, in a class of 128 high class White Wyandottes, he entered 25 of his bred-to-lay birds and won as follows: 1, 2, 3, 4, 5 hen; 1, 2, 4, 5 pullet; 1, 2 cockerel; 3 cock; 1 pen; \$10.00 special for best pen from Arkansas, White Wyandottes; club ribbons for best hen, pullet, cockerel, pen. See Mr. Todd's ad. in The Hen.

Walter Q. Park, Richmond, Ky., breeder of S. C. Black Minorcas, advertises his birds in this issue. The quality of his stock is demonstrated by his show record for the past year, having won the blues in hot competition. Mr. Park won a total of 45 firsts out of a possible 52. His birds are noted for heavy laying qualities. Mr. Park informs us that he is in the business to stay and is prepared to fill all orders. Mention The Hen when you write him.

J. R. Flannigan, proprietor of Standard Poultry Yards, Route No. 4, Macon, Ga., won on his Dark Cornish Games at the Birmingham Fanciers' Association, January, 1914, as follows: 1st cock; 1st hen; 1st cockerel; 1st, 2nd pullet; 1st pen; specials, two gold leg-bands for best Cornish Game male and for best female; two \$25.00 silver cups for best parti-colored or colored male and female. Out of three shows this season he has won 14 firsts, 9 seconds, 2 specials, one sweepstakes, and has the birds for sale that produce winners. Read the display ad. of Mr. Flannigan's on another page.

Mountain View Farm, Mooresboro, N. C., furnishes us the following list of their winnings which are proof of the quality of the birds: Lincolnton, N. C., 1st and 2nd pullet, Black Minorcas; S. C. White Leghorns, 2nd cock. Morganton, N. C., 1st and 2nd pullet; 1st and 2nd cockerel, Black Minorcas, 5th cockerel; 2nd pullet, in a class of 21 pullets, S. C. White Leghorns. Shelby, N. C., 1, 2, 3 pullet; 1 cockerel; 1 cock; 1 pen; special for

## WHITE WYANDOTTES

Winners and layers. Have sold my Reds. Will devote my time to Wyandottes exclusively. Eggs, \$2 and \$5. C. A. ADAMS, Route No. 1, Fairburn, Ga.

## POULTRY FENCE

**22½ cts. a rod**  
48 inches high. Has 4½ inch mesh and graduated spacing of line wires from 1½ at bottom to 3½ inches at top. Fewer posts and no base board or top rail required.

**STRETCHES UP LIKE A FARM FENCE**  
**27½c.** for a 48-inch and Stock Fence made of heavier wire and having 6-inch mesh. From Factory Direct to Consumer. 100 styles and heights of Poultry, Farm and Lawn Fence. Catalog FREE. Box 253 **KITSELMAN BROS. Muncie, Ind.**

## FARM FENCE

**11½ cts. a rod**  
17 1-4c. a rod for 26 in. high fence; 17 1-4c. a rod for 47 inch high stock fence; 28 1-2c a rod for a 50-inch heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barbwire .80 rod spool, \$1.40. Catalog free. **INTERLOCKING FENCE CO. BOX 36 MORTON, ILLINOIS.**

**FOR POULTRY**

## BROWN FENCE

**NEW BARGAIN BOOK FREE**

Costs half as much as common chicken netting, lasts 5 times as long. No top or bottom boards necessary—big No. 91-2 wires support Brown Poultry Fence perfectly. **Use Half as Many Posts** Bottom wires spaced 1 inch apart—chick tight and rabbit proof as well as stock strong; and rust proof. Double galvanized. Sold direct from factory, freight prepaid. Write for money-saving bargain books showing 150 styles of fence and gates for every purpose. Samples also mailed free to test. **THE BROWN FENCE & WIRE CO. Dept. 37 Cleveland, Ohio**

**DIRECT FROM FACTORY** **WE PAY FREIGHT**

## ANCONAS

Winners Madison Square Garden, Philadelphia, Baltimore, Atlanta and elsewhere.

Exceptional values in show and utility stock.

Birds warranted to WIN!

**H. E. PORTRUM**  
Rogersville, Tenn.



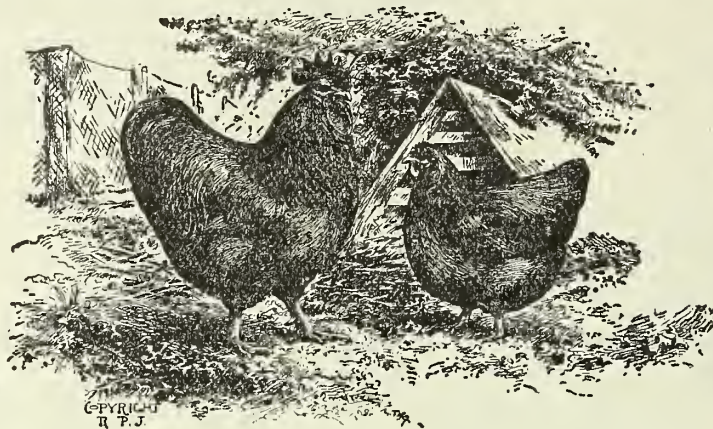
## In Our Pens Are

1st Hen Atlanta  
3rd Hen Atlanta  
1st Pen Hen Atlanta  
1st Hen Augusta  
1st Hen Columbus  
1st Hen Newnan  
2nd Hen Montgomery  
2nd Hen Birmingham  
2nd Cock Birmingham  
2nd Cock Opelika  
1st Cockerel Opelika  
1st Hen Opelika  
1st Pullet Opelika  
1st Hen C. C. S. Fair  
1st Pen C. C. S. Fair  
1st Cock C. C. S. Fair  
1st Ckl. C. C. S. Fair  
1st Pullet C. C. S. Fair

## All Buff Orpingtons

# Buff ORPINGTONS

Big  
Buff  
Low-  
Down



Color  
Type  
Size

**LAWRENCE BUFF ORPINGTONS** are known everywhere good Buffs are in demand. The Blue Ribbons and Silver Cups tell what we know about mating for Ideal Buffs. **STOCK and EGGS**

**STOCK:**—Two Pens at \$10.00 each; Two Cockerels at \$5.00 each; 20 Pullets at \$3.00 each Eggs \$3.00 and up. Ask for Our Catalogue

# The LAWRENCE FARM

JACKSONVILLE    :-    :-    ALABAMA

## Partridge Ply. Rocks

We are trying one pen of these beautiful birds—they are the best we could buy.

Will Sell a Few Eggs at \$5 for 15

best pen in S. C. White Leghorns. 3, 4 pullet, Black Minorcas. Ellenboro, N. C., 2 cockerel; 4 cock, S. C. White Leghorne. 4 hen; 3rd cockerel; 1, 2 pullet, S. C. Black Minorcas. Charlotte Fair. 2nd cock; 2nd pullet; 2nd hen, S. C. White Leghorns. 1, 3, 4 pullet; 1st cockerel; special purse for best display in S. C. Black Minorcas. Eggs from these winners advertised elsewhere in this issue. Look up their ad.

We are in receipt of a letter from Rev. Jas. R. Brown, Wytheville, Va., the Black Langshan specialist, in which he informs us that he has seven pullets hatched March 6th last, and that he kept them strictly to themselves and was rewarded with this egg record: August, 4 eggs; September, 112 eggs; October, 96 eggs; November, 65 eggs; December, 126 eggs; January, 186 eggs. Mr. Brown has made many excellent show winnings and has sold this season male birds in eight different states. He advertises in The Industrious Hen. A hint to the wise should be sufficient.

In this issue of The Hen you will find the display ad. of Lassiter Orpington Yards, Highland Park, Richmond, Va. Their winnings have been excellent this season. Following are a few: Virginia State Fair, 1913, 1, 2, 3

pen; 1 cock; 1, 4 cockerel; 1 hen. Southside Fair, Petersburg, Va., 1913, 1 pen; 1 cock; 1 hen; 1, 4 cockerel. Virginia Poultry Association show, Richmond, Va., Dec. 6-9, 1913, 2, 3, 5 pen; 2 cock; 1, 4 cockerel; 1 hen; 1, 2, 3, pullet; 3 silver cups, 8 club specials, and medals specials. Tidewater Poultry Association, Norfolk, Va., Jan. 6-9, 1914, 1, 2 cock; 1 hen; 1, 2, 4 cockerel; 2, 3, 4 pullet; 2, 3, 5 pen; silver cup best 10 birds in show; cup best display English class; 2 sweepstakes, and cup for best cock bird English class.

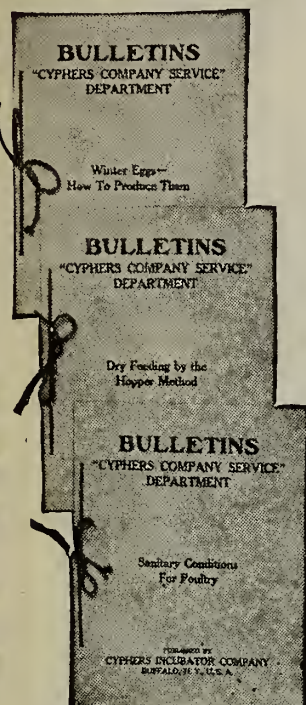
E. C. Spain, Route No. 2, Church Road, Va., has made excellent winnings on his Barred Rocks and M. B. Turkeys at the leading shows this season. Following are a few of his winnings: Virginia State Fair, October, 1913: Barred Plymouth Rocks, 1st cockerel, 27 in class; 3rd pullet and 2nd pens. M. B. Turkeys, 1st and 2nd tom; 1st and 2nd hen; 1st cockerel; 1st pullet. Petersburg Fair, October, 1913: B. P. Rocks, 1st cock; 1st and 2nd hen; 1st and 3rd pullet; 1st, 2nd and 3rd cockerel; 1st pen. Silver cup for best display in Plymouth Rocks and Fair cup for greatest number blue ribbons, one variety only. Darlington, S. C., show, December, 1913: 1st pen; no turkeys shown. Baltimore show, January, 1914: B. P. Rocks, 1st pullet bred

cock; 5th pullet bred cockerel; 3rd and 5th cockerel bred pullet; only four entered. M. B. Turkeys, 3rd tom; 4th hen; 1st cockerel; 1st pullet. Norfolk show, January, 1914: B. P. Rocks, 2nd cock; 4th hen; 1st and 2nd cockerel; 3rd pullet; 1st and 2nd pens. Special for best display in B. P. Rocks. "Fleming's Cup" best cockerel American class. Special for best B. P. Rock cockerel, and silver cup for best pen American class. No turkeys shown. Lynchburg show, January, 1914, State Barred Club Meet: B. P. Rocks, 5th cock; 1st and 5th cockerel; 5th pullet; 4th and 5th pens; 1st and 2nd pullet bred males, and gold special on same. 4th and 5th cockerel bred females. See Mr. Spain's display ad. elsewhere in this issue.

Fairview Poultry Yards, Cookeville, Tenn., send us their winnings as follows: Monterey, December, 1913, Barred Rocks, 1 cock; 2nd and 3rd hen; 1st and 3rd cockerel; 1st and 2nd pullet; 1st pen. Special display A. B. R. ribbons. Light Brahmas, 2nd cock; 1st and 2nd hen; 2nd and 3rd cockerel; 1st and 2nd pullet; 1 pen. A. L. B. C. ribbons special for best pen in show. Partridge Wyandottes, 1st cock; 1st hen; 1st pullet; 1st cockerel. White Wyandottes, 1st cockerel; 1st pullet; 1st hen; B. B. R. Game Bantams, 1st cock; 1st hen;



# Don't Waste Money! Don't Waste Time!



YES, reader, a Standard Cyphers Incubator costs somewhat more, *at the start*, than does a cheaply built "bar-gain price" machine, but before the *first season's work* is ended, the genuine, latest improved "Cyphers" will have *more than made up* THE DIFFERENCE IN COST and then you will own a strictly high-class, *dependable hatching machine* that will last ten to twenty years without a cent of repairs.

A merely "built-to-sell" incubator is a *losing proposition*. First to last, it will never give you the *right kind* or the *right number* of chicks. The cheap, flimsily-built, wrong-in-principle incubator starts working *against your interests* as soon as it starts doing anything at all. We have received *hundreds upon hundreds* of reports like the samples here published.

## Recent Sample Reports— What Our Customers Say

### "1,925 Chicks Out of a Possible 2,220"

New Brunswick, N. J., July 3, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—

I have two Standard Cyphers Incubators, a No. 3 and a No. 1 machine, and have been getting excellent results. In all, we hatched 1,925 chicks out of a possible 2,220, as follows: No. 3 Machine—from 372 fertile eggs, hatched 356 chicks; from 381 fertile eggs, hatched 364 chicks; from 341 fertile eggs, hatched 327 chicks; from 382 fertile eggs, hatched 366 chicks. No. 1 Machine—from 132 fertile eggs, hatched 121 chicks; from 141 fertile eggs, hatched 133 chicks; from 132 fertile eggs, hatched 126 chicks; from 139 fertile eggs, hatched 132 chicks. We are more than pleased with these results.

O. POLINSKY,  
Per S. Pollins, Mgr.

### Won't "Trust Them Under Hens"

R. F. D. 1, Comstock, N. Y., July 28, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—

I use and strongly advocate the Standard Cyphers Incubators and Brooders. Have used them three years now and they never yet have been beaten. Have tested them with other machines, but the Cyphers is the winner every time. In setting high-priced eggs I will not trust them under hens, or in other incubators, but put them in the Cyphers and raise the chicks in your brooders. Following are hatches made early the past spring in my Cyphers machines: from 150 untested eggs, 129 chicks; from 148 tested eggs, 144 chicks; from 133 tested eggs, 126 chicks. Of these 399 chicks, I raised 98 per cent, so you see they must have been extra strong.

SPRINGSIDE POULTRY FARM,  
Harold C. Thomas, Proprietor.

### "Hatched in Cyphers Incubators Since 1902"

Battle Creek, Mich., July 17, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—  
With the exception of a few hen settings, all my breeding stock has been hatched in Cyphers Incubators since 1902. Considering the thickness of the shells of Wyandotte eggs, it is plain the Cyphers is capable of handling any eggs entrusted to it. I have run fourteen incubators of different makes, but the only ones I now have are Cyphers.

M. BOLLSTROM.

### "2,530 Fertile Eggs, 2,456 Chicks"

R. F. D. No. 8, Shelton, Conn., Sept. 2, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—

Early in March I started my Standard Cyphers Incubators and finished late in June. From 2,530 fertile eggs I got 2,456 good, strong chicks. Several hatches were 100 per cent. I have no trouble whatever with your incubators and like them better every time I start them up. Am sending to you, under separate cover, a photograph of my last hatch for this season—175 chicks from 175 fertile eggs.

ALFRED SHAW.

### "Worth the Price and More"

R. F. D. 19, Elsie, Mich., July 21, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—

Last March I purchased a 144-egg Standard Cyphers Incubator and a Style B Outdoor Brooder through your agent, Mr. E. A. Phillips. I set the incubator four times. The first hatch, I secured 110 chicks from 128 fertile eggs; the second hatch, 118 chicks from 130 fertile eggs; the third hatch, 116 chicks from 124 fertile eggs; and the fourth hatch, 110 chicks from 129 fertile eggs. There is no question about Cyphers Incubators being worth the price and more. If the eggs are right they are bound to hatch in the "Cyphers."

MRS. A. J. FIZZELL.

### "Out of 144 Eggs I Got 130 Chicks"

Gaviota, Calif., April 20, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—

I received my Standard Cyphers Incubator in March and am very much pleased with it. I thought that you would like to know that it is doing very good work. Every egg that is fertile is hatched. Out of 144 eggs I got 130 chicks. The results from your incubator are better than I ever expected, and I gladly recommend to any and everybody the Standard Cyphers Incubators. No one can make a machine that will hatch more chicks from the same number of eggs. I am just starting to raise chickens and I would like to have some of your poultry books, and also your catalogue.

M. ERRO.

**Free Bulletins and Booklets**—If you have not already sent for three sample free Bulletins, do so today—and also fill out the coupon for free booklets, "Best Methods of Brooding" and "Poultry Foods and Feeding." See list of 24 Bulletins.

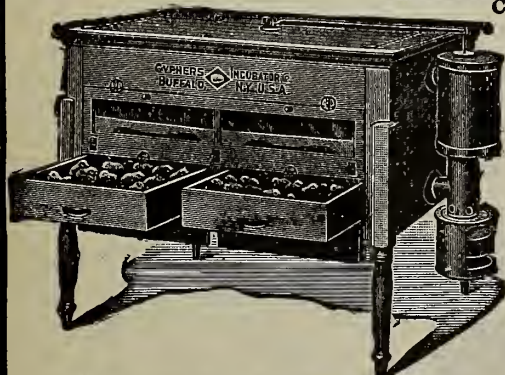
**Free Catalog**—We manufacture over one hundred Standard poultry articles. Send today for our latest 244-page Complete Catalog. Address our place of business nearest you.

## Cyphers Incubator Co.

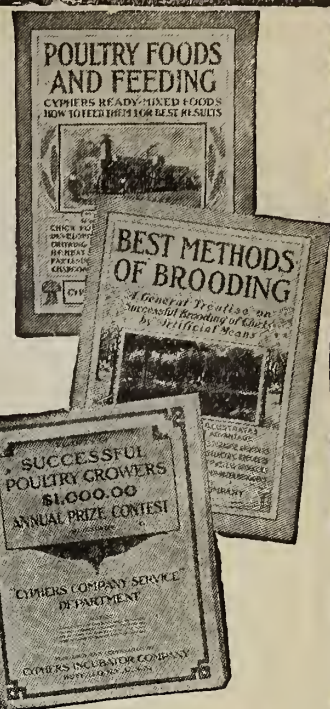
Dept. 13, Buffalo, N. Y.

Cyphers Incubators and Brooders are for sale on immediate delivery, by the following well known Texas Mercantile Houses. Save freight charges by buying near home.

Texas Seed and Floral Co., Dallas; Moers Seed Co., Houston; Beaumont Seed Co., Beaumont; Ferd. Staffel, San Antonio; Herrick Hardware Co., Waco; Kehl Hardware Co., Austin.



The Genuine Cyphers Incubator  
Latest Improved—Dependable



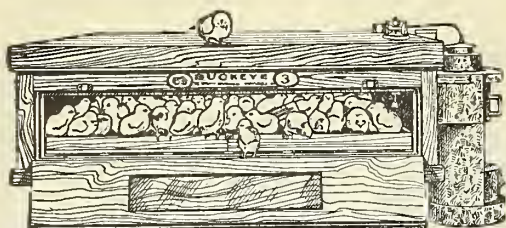
### \$1,000 Prize Contest Book

This remarkable book contains reports—"fact-stories"—from men and women chicken-raisers all over the country—who won success in spite of hard conditions and uphill work—who succeeded! A free copy will be sent to any address, domestic or foreign, on receipt of 10c in U. S. stamps to cover cost of mailing.



Cyphers Incubator Company Dept. 13  
Gentlemen:—Please mail to address below copies of free printed matter, as follows:  
Also send me 176-page \$1,000 Prize Contest Book, for which find enclosed 10c in stamps.  
Name.....  
Address.....





## THE BEST JUDGE OF Incubators IS THE MAN WHO SELLS THEM

He must know—because his reputation is at stake in every sale. He cannot afford to risk losing your trade by selling you a machine which will not do what the manufacturer claims for it. On the other hand, you take absolutely no chance when you buy an incubator which is backed both by the manufacturer and dealer with such a broad, sweeping guarantee as we offer with the

### "BUCKEYE"

It is  
**GUARANTEED**

to hatch every hatchable egg. There are no exceptions and no strings to this statement. Anybody can hatch chickens with a "BUCKEYE." Sold and guaranteed by over a thousand dealers. Over 325,000 in successful operation.

#### OUR FREE CATALOG

tells why the best dealers prefer to sell the "BUCKEYE." Let us give you the name of the "BUCKEYE" dealer in your town who will be glad to show you the machine in operation and prove to you that it will hatch more and better chicks than any old hen or incubator you ever owned. Write us today.

THE BUCKEYE INCUBATOR CO  
525 Euclid Ave., SPRINGFIELD, OHIO

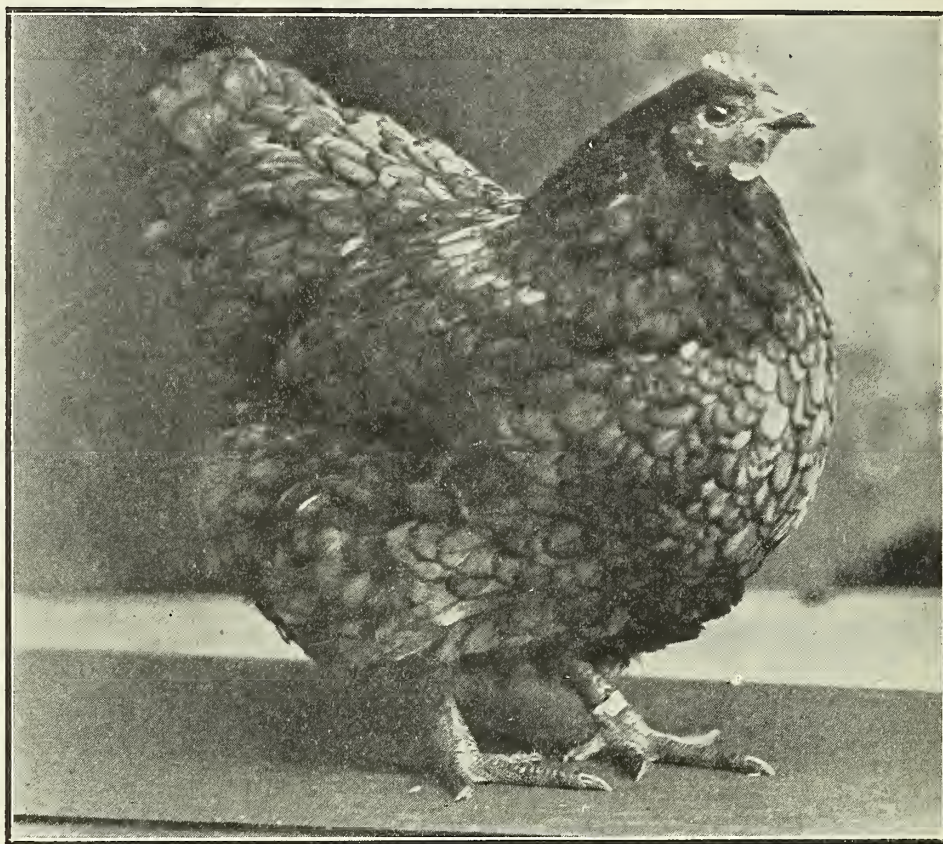
Made in 5 sizes and Sold  
As Low As \$10.00

1st pullet; 1st cockerel. Fawn and White Runner Ducks, 1st cock; 1st and 2nd hen; 1st cockerel; 1st and 2nd pullet; 1st pen. Cookeville, November, 1913. Barred Rocks, 1st and 3rd cock; 3rd hen; 3rd pullet; 1st and 2nd pen; special for best display Rocks any variety. American Barred Rock Club ribbons for best shape male and female. Light Brahmas, 3rd cock; 1st and 2nd hen; 3rd cockerel; 1st and 2nd pullet; 2nd and 3rd pen; special display, 4 color and shape specials of American Light Brahmas Club. Partridge Wyandottes, 1st cock; 1st and 2nd hen; 1st cockerel; 1st and 2nd pullet; 1st pen; cup for best display of Wyandottes. White Wyandottes, 1st and 2nd hen; made only two entries. Black Breasted Red Game Bantams, 1st cockerel; 2nd and 3rd cock; 2nd and 3rd hen; 2nd and 3rd pullet; 1st pen; special display, 73 in class. Bourbon Red Turkeys, 1st cock; 1st and 3rd hen; special for best display

in show. 23 other special cups, ribbons, etc. (600 birds in show). See their ad. in The Hen.

#### WHITE DIARRHOEA VANQUISHED.

Already the losses from white diarrhoea have begun and the poultryman who has counted his chickens before they were raised, is revising his count. There is, however, no need for any one to suffer loss from this scourge. It is true, a good many remedies have been offered which have not the remotest tendency to check the disease, but the famous Prescription No. 3 of the Nabob Remedy Co., Box 31, Gambier, Ohio, has for the past three years, been saving the fanciers hundreds of thousands of dollars loss, it is claimed. The Prescription is part of a system of prevention as well as a cure. It has been found



First prize Blue Orpington Hen, Chicago, Bred and Owned by Haldie Nicholson, Leominster, Mass.

# Dixie Poultry Yards

S. C. Rhode Island Reds and White Leghorns. Winners at Tennessee State Fair, Nashville. S. C. Rhode Island Reds, 1st cock. S. C. White Leghorns, 1st cockerel; 1st hen; 2d pen, and grand silver medal offered by the American Poultry Association for the best cockerel in the Mediterranean classes. Eggs from our exhibition pens, \$2.00, \$3.00 and \$5.00 per sitting. Free range utility stock, \$1.00 per sitting, or \$5.00 per hundred eggs. We are prepared to fill orders promptly, large or small, and guarantee every transaction. Write us for prices on stock.

L. P. HUDDLESTON, Mgr. -:- STEVENSON, ALA.

## McKEE'S ORPINGTONS White and Blue

Winners in keen competition. When in search of the best, just send McKee your name and address. He has searched the old world and the new, trying to find what breed best would do, and he will please you, with Orpingtons, both White and Blue, and Mammoth Bronze turkeys too. White Orpington eggs, \$3.00, \$5.00 and \$10.00 per 15. Blue Orpington eggs, \$10.00 and \$45.00 per 15. Turkeys, \$12.00 and \$15.00 a trio; \$18.00 and \$20.00 a pen. Write your wants to

McKEE'S ORPINGTON YARDS GARVEY McKEE, WATERTOWN, TENN.  
Prop. Box 1. H.

that uncooked food or wet mashers will cause bowel trouble in many hatches and so a cooked feed is offered in connection with this remedy and any of our readers who want to be guaranteed against loss from white diarrhoea will do well to send a half-dollar for a big five-pound sample box of the Baked Biscuit Meal and a full size box of the remedy. It after using the whole order, customer is not completely satisfied, they guarantee to refund the money.

#### 100 RATS IN A MONTH

Is a record for one trap in one establishment, but that is the number caught in a livery stable in Scranton, Pa., in one of the traps invented by H. D. Swarts of that city. See his ad. in this issue.

Geese are very profitable birds. They live very long and produce feathers that will always sell, are self-supporting in the main and are good producers.

### Greider's Fine Catalogue

and calendar of fine, pure-bred poultry for 1914. This book contains many pages of poultry facts. 70 different varieties, some shown in natural colors. All illustrated and described, tells how to make hens lay, raise and care for them, all about the Famous Greider Incubators and Brooders. Shows photo of the largest poultry farm in Penn. Prices of breeding stock and eggs for hatching and supplies within reach of all. A perfect guide to all poultry raisers. Send 10c for this new book on poultry.

B. H. GREIDER, Box 129 Rheems, Pa.





# BARRED PLYMOUTH ROCKS

Eggs and Baby Chicks from Exhibition and Pedigree matings. Our winnings at Chicago, Indianapolis, Cincinnati, Louisville, Nashville and Knoxville prove our quality. Do not place order until you get our big catalogue. Your name and address on a postal brings it by return mail. Write for 40-page catalogue No. 7

**POPE & POPE, Box H, LOUISVILLE, KY.**



**Smith Sealed.**  
Prices postpaid  
—12,30c; 25,50c;  
60, \$1.00, 100,  
\$1.50; 500,  
\$6.50; 1000, \$12.50.

**LEG BANDS**

**Leader Adjustable.** Prices  
postpaid: 12,15c;  
25, 25c; 50, 40c;  
100, 65c; 250, \$1.50;  
500, \$2.75; 1000, \$5.25.

**SAMPLES FREE**

A976

24

Write postal or order now. Satisfaction guaranteed. Address THE KEYES-DAVIS CO., Inc., Dept. 520, Battle Creek, Michigan

## Poultry Shows and Associations

By EDW. M. GRAHAM, Knoxville, Tennessee

### WAYNESBORO, VA., SHOW.

Nearly seven hundred birds made the finest display ever seen in the valley. The first exhibition of the Waynesboro Poultry Association, Waynesboro, Va., opened Tuesday, January 20th, 1914, under every favorable conditions—splendid weather and good attendance. Many poultry fanciers were very liberal in their praise of the large number and exceptional quality of birds exhibited, and have justly entitled it "Virginia's Red Hot Show." The strongest classes being represented were in the Barred Plymouth Rocks, Rhode Island Reds, Buff Orpingtons, Black Minorcas, White Wyandottes and White Rocks.

The awards were made by Judge J. W. Dennis of Binns Hall, Va., an expert poultry judge of many years experience, and a man of sterling quality.

The J. S. J. trap-nest and shipping coop, manufactured by the Jordan-Chapman Mfg. Co., Staunton, Va., attracted much attention.

The Industrious Hen was very much in evidence, and Mr. Goodlin made many friends for the faithful old Hen.

At midnight, when Judge Dennis had completed practically two days work in one, he remarked that it was one of the classiest shows he had ever handled and predicted for the Waynesboro Poultry Association a great future. The members of the Association and the public in general approve Mr. Dennis' work and realize that the winners had a hard battle. There were many out-of-town visitors in attendance.

### 100 YEARS IN BUSINESS

There are but few concerns in this country that can boast of being a century old. When a business does survive that long it is a pretty good sign that it is built upon the right principles and is conducted in the best interests of its customers. The celebration of its 100th anniversary in business is an event of which George P. Pilling & Son Company of Philadelphia are deservedly proud this year.

These folks started the manufacture of Pilling Surgical Instruments in 1814, and although they had but one expert workman they turned out nothing but the highest grade of instruments which were soon popular because of their accuracy, fine materials and careful construction. They soon added the manufacture of Pilling "Easy to Use" horse, cattle and poultry instruments, which are considered the standard by veterinarians, stockmen, dairymen and poultrymen.

From the small beginning in 1814, the Pilling folks have grown to be the largest makers of special horse, cattle and poultry instruments in the world. Their new plant now covers over 60,000 square feet of floor

## GOOD MORNING

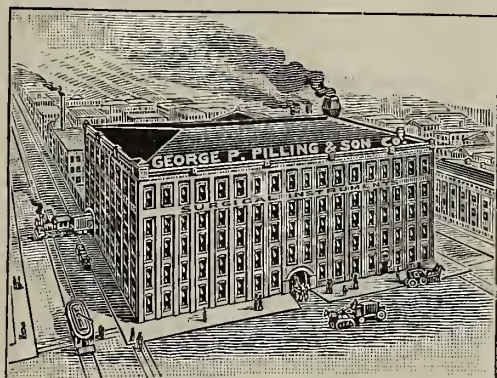
### Have You Fed Prescription No. 4?

If not you have wasted a lot of valuable feed and dissipated much HEN ENERGY. It is a scientific fact that 5 lbs. of Prescription No. 4 contains as much egg making material as a ton of oyster shell and 25 lbs. of beef scrap combined. It is the EGG MAKER supreme. Insist on your dealer getting it for you and thus save express on parcels postage. 5 lbs. \$1.00; enough for 160 quarts of feed.

1 lb 25c, and your money back in either case if you are not satisfied after using. Prescription No. 4 is par excellence for ducks.

### NABOB REMEDY COMPANY

Box 31      --      --      GAMBIER, OHIO



space and they keep over 100 expert workmen employed full time all the year round. Their factory is equipped with the most modern machinery and is a model of neatness.

This growth and record during the past hundred years is indeed one of which George P. Pilling and Son Company may well be proud. To survive the wars, panic, and strenuous competition of the nineteenth century and come out with a clean name, is almost without a parallel in this country.

### EGGS TO BE MAILED BY PARCEL POST

The parcel post is to be employed by government officials in an effort to reduce the cost of eggs by having them mailed direct from the farm to the consumer.

According to Dr. A. D. Melvin, chief of the bureau of animal industry, the parcel post offers this opportunity and the bureau is experimenting on an inexpensive retainer in which the eggs may be shipped through the mails.

A local chicken breeder says that she never puts a new-born chick in the brooder that she can not put on its back when it is taken from the incubator. Did you ever try this test? She claims that only such birds make strong, vigorous, well-developed individuals. She says she kills all others at once and does not count them as hatched. The test is a new one on us.

## CHAMPION White Plymouth Rocks

### 1st Prize Cockrel—3rd Prize Cock

At Madison Square Garden, New York, 1912-13

This winning stamps our flock as one of the best in the world, and the undisputed Champions of 1912-1913.

At Chattanooga, one of the South's greatest shows held Dec. 16-21, 1912 we won every ribbon offered, all specials, and the following sweepstakes prizes, \$35 cup for largest number of prize winning birds, and the special for the best display in the whole show. Our S. C. White Leghorns are

### BRED-TO-LAY

and they do lay. They are famous the country over for their great laying qualities. There are one thousand acres of land in the Shepherd Poultry Farm and the two breeds are kept strictly separated. Write for mating list. Correspondence solicited. Address

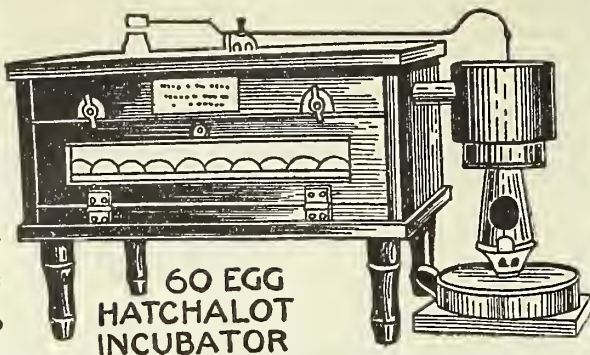
## Shepherd Poultry Farm

Quintus Shepherd, Prop.  
SHEPHERD, TENN.  
THE SOUTH'S GREATEST POULTRY FARM



## You Hatch Healthy Chicks With the Hatchalot

To make money you must have healthy early chicks, plump, vigorous and active, that will grow fast. The 60-Egg Hatchalot Incubator produces just that kind—as large as the shell permits, with husky constitutions.



60 EGG  
HATCHALOT  
INCUBATOR

The Hatchalot gives a *mild*, moist, natural heat because its boiler is so large. Chicks hatched in such heat are always vigorous. The regulator is absolutely dependable.

The 60-Egg Hatchalot Incubator is made of clear cypress—built to last. Year after year it proves first in economy, ease of operation and results. Price, \$7.50.



INTERNATIONAL  
SANITARY  
HOVER

## Chicks Are Always Healthy Under International Sanitary Hovers

Your chicks must be brooded right, with plenty of fresh air and reliable overhead warmth. International Sanitary Hovers are used on the largest poultry farms because they *keep* chicks healthy. Made of metal, heavily insulated, heat radiated from above. Circular and warmest just inside the curtain, preventing crowding at centre. To set it up, you simply light the lamp and it is ready for use anywhere. Cannot

burn, break, or warp. It is the only fresh-air hover. Price, \$8.50.

## You Save Grain and Labor With The 6 in 1 Exerciser Feeder

A large metal hopper on four strong iron legs, makes the fowls exercise for their feed, keeping them healthy and preventing waste of food. Saves labor. Beside grain exerciser, it contains six other compartments for dry mash, beef scraps, charcoal, grit, etc. Makes other feeding devices unnecessary. Price, 40-quart, \$4.75; 20-quart, \$3.75.



6 IN 1  
EXERCISER FEEDER

**COMPLETE CATALOG FREE.** Send your name now for our complete catalog, helpful and valuable to *every* poultryman. Ask us for the name of dealer nearest to you.

**Hover-Incubator Mfg. Co., Box 187, Browns Mills, N. J.**

## SOUTHLAND'S CHAMPION WHITE ROCKS

Have for years won more first, second, regular and special breed prizes than 53 competitors combined. We have also won a decisive majority of the sweepstakes prizes open to all breeds and varieties. These winnings were not at county fairs or minor shows, but at the South's largest shows, from 142 to 181 White Rocks in competition. We have met and defeated every Southern breeder of prominence and some of the most prominent 3 and 4 times. These are **FACTS** and we have the records to prove them. **WHY EXPERIMENT** with other strains when fifteen expert poultry judges who are authorities have testified to the superior excellence of our flock? We have supplied show birds all over the country and they won their ribbons, too. Raising better White Rocks is our sole business and we have 44 acres devoted exclusively to them. They are range raised, line bred, trap-nested and full of vim and vigor. We please our customers or refund the money. Stock for sale at all times. Eggs at \$25.00, \$15.00, \$10.00, \$2.00 per 15. **THE BEST IS NONE TOO GOOD.**

**MARTIN F. SCHULTES, Box 143 Albashire, BARTLETT, TENNESSEE**

## Baker & Miller ORPINGTONS Kellerstrass Crystal Whites

Our Birds win, lay, pay and stay white. Enter egg orders now. A few choice Cockerels for sale. **BAKER & MILLER, Box 733, Knoxville, Tenn.**

## Brown LEGHORNS

### "OLD TIME FAVORITES"

STOCK for SALE

Ask Questions

**J. H. HENDERSON**

Knoxville, Tenn.

Breeder of Brown Leghorns Since 1890

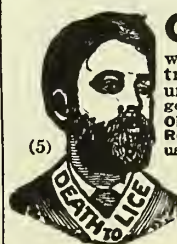
## DOUBLE MATING BARRED ROCKS

Double Mating Not Nature's Method.  
Produces Extreme Results in One  
of the Sexes.

Double mating, no doubt, may be necessary in some breeds to produce the required standard plumage of the two sexes. The standard in my estimation is wrong in making any such requirements. The standard requirements in all breeds of poultry should be such that both sexes can be produced from one mating, same as in all wild birds. Double mating produces extreme results in one of the sexes. It is not nature's method, is unnatural, and in my judgment no improvement, either from a fancier's viewpoint, or on utility. The Barred Rocks of today are not as handsome, not as uniform in color as they used to be in our shows. They lack in the bluish shade that used to be conspicuous. They may, and probably do, show closer or finer barring, but they are too black.

By single mating, where good sense is observed, and proper selection is followed, choice specimens of any of the pure breeds of domestic fowls may be bred and as nature intended they should. The Standard should call only for specimens that can be produced by a single mating, and be typical representatives of the respective breeds. There will then be just as many breeders who will produce fine specimens, and just as many who will have inferior ones as there are today.

There should not be any Standard mystery of how to produce specimens of quality of any breed. The intelligence of the man behind the hens must, and always will be, a winning factor. Double mating has caused a loss to the fraternity in many ways. First, it makes, with the breeds that are double mated a lot of undesirable culls. These have to be disposed of, often causing an unnecessary com-



## Chicken Thieves

will not create as much loss in your poultry yards as a horde of lice left to work undisturbed. **O. K. your Profits by getting rid of these robbers. It's easy with the Old Reliable LAMBERT'S "Death to Lice"**

used by successful breeders for over 30 years. Lambert's will not harm eggs, hens or chicks and is sure death to lice. Price 10, 25, 50 and \$1. Write for FREE copy of "Pocketbook of Pointers" by D. J. Lambert.

**O. K. STOCK FOOD CO.**  
513 Traders Bldg. Chicago, Ill.



# ANDERSON'S MINORCAS SWEEP ATLANTA

At the great Atlanta Show, Dec. 1-6, on six entries of S. C. Black Minorcas I made the most sensational winning ever recorded by a Minorca breeder at this show. Winnings—1st cock; 1st and 5th hens; 1st cockerel; 1st pullet and 1st pen—every bird being placed. My Minorcas were very much admired for their great size, length of body and low tails. Eggs from the "Best pens in the South," \$5.00 per 15.

**R. H. ANDERSON**

**LYNCHBURG, VIRGINIA**

mercialism, which the fancier dislikes to be annoyed with.

A wealthy man gets a case of "hen fever" at a poultry show, and enthusiastically pays the price for a pen that has been produced by double mating. What does he get? Why, badly stung, of course. When he sees the results he gets from his first prize pen, naturally he condemns the man he bought them from, and, the poultry fraternity in general, as a set of swindlers. He has a right to expect a winning pen would produce some quality representative of the breed. He naturally becomes disgusted, and rest assured he will express his opinion to his friends. If he had secured a breed that would have produced its like, without trying to outdo nature, his satisfaction would have meant an influence with his friends that would have made some of them anxious to become poultry fanciers.

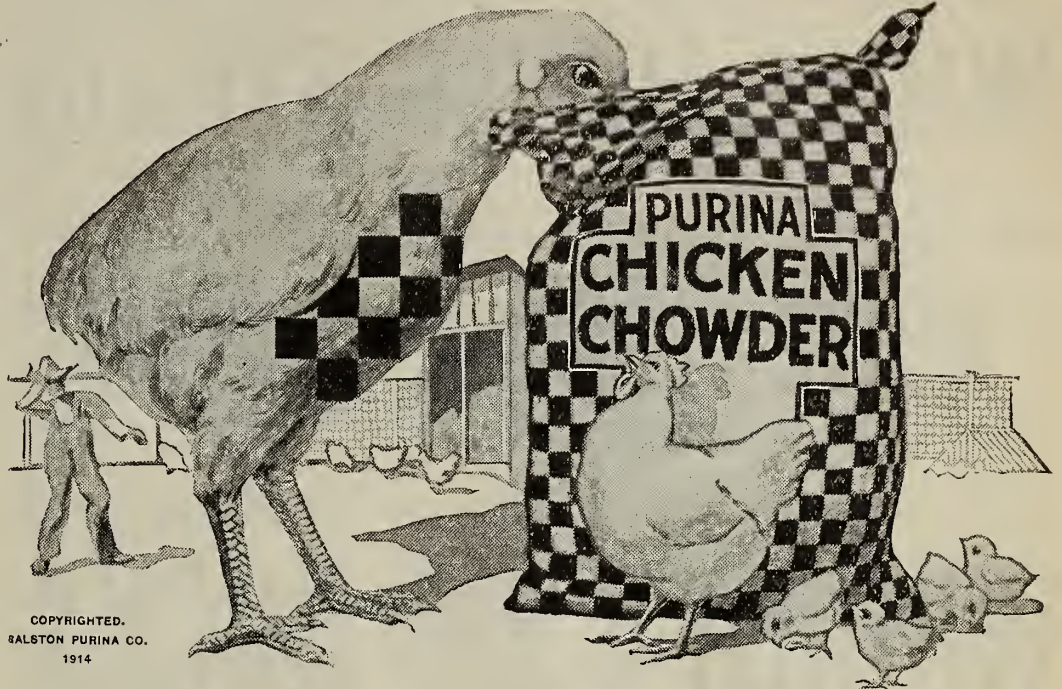
What have the double mated breeds got over the single mated ones? Nothing. I bred Barred Rocks over 20 years, single mated, and never had over ten per cent of culls. Have sold a cockerel and a pullet bred from the same hen, and each took first prize at prominent winter shows. What has been done can again be accomplished, and often the next time better, also.

Many of the most beautiful breeds we have are, and always have been, single mated. They improve in quality every year, too. The males of all wild fowls (birds)—the jungle fowls, pheasants, etc., show remarkable contrast in plumage between the male and the female. The males are adorned with more profuse feathering, showing brilliant coloring—the female almost universally in much more subdued colors. It is nature.

Domestic fowls, when bred as nature intended they should be, should, and do, show in just as marked a degree, the contrast in males and females, when there is other than self or solid color. Why then should man try to outdo nature? Double mating is a millstone around the necks of breeds that depend on such methods to produce show specimens. Utility and beauty in all breeds should go hand in hand. Double mating results should not be tolerated. A breed that cannot produce both sexes with standard requirements without double mating, is emphatic evidence that either the breed or the standard is wrong.

Trespass on the laws of nature and you are penalized with a lot of undesirables, and a very few good fowls. Breeders have been ruined by selecting to develop some so-called fancy points to an extreme.

It is against the laws of nature in poultry breeding to expect a "dead" white plumage on yellow legged breeds. Yet we find such in the show rooms—specimens that have been



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It makes them grow twice as fast. This means large profits, heavy egg production and vigorous chicks that withstand disease. You can't afford to be without this *growing feed* now, any more than you could afford to be without it last winter when you proved that "if Chicken Chowder won't make your hens lay they must be roosters." Feed Chicken Chowder in addition to Purina Chick Feed and double your profits. For sale by leading dealers. Order from your dealer today.



## Checkerboard Poultry Book FREE!

For your dealer's name we will send you this 48-page Poultry Book, containing plans of houses, breeding and feeding charts, space for daily egg records, cures of diseases, care of baby chicks, etc. It also contains information about Col. Purina's half price galvanized iron Chick Drinking Fountain (2 for 25c) and more details about his Automatic Chicken Chowder Feeder (50c). Write today.

Col. Purina, Purina Mills, 819 Gratiot Street, St. Louis, Mo.

## BARRED ROCKS WHITE

The Best Flock Barred and White Plymouth Rocks in Middle Tennessee; also exhibition Black and Buff Cochin Bantams. Then I also have a large flock of those egg machines, White Indian Runner Ducks. Write for mating list with photos of some of my stock.

**C. C. SHELLEY**

**DECHERD, TENNESSEE**

## S. C. Golden Buff ORPINGTONS

For \$4.00 I will send you 15 eggs from 3 pens of carefully mated prize winning Buff Orpingtons. I only have a small flock, but they are all top-notchers and will produce their kind. At the recent Lynchburg show I made 7 entries and in hot competition every bird was placed with the lion's share of Blues.

**A. A. McCORKLE**

**LYNCHBURG, VIRGINIA**

## SINGLE COMB BROWN LEGHORNS EXCLUSIVELY

Winnings this season at National Conservation Exposition, Knoxville, Tenn., Sept. 1913, 1st, 3rd hen; 1st, 2nd pullet; 1st, 2nd cockerel, and 2nd pen. At Pensacola, Fla., Nov., 1913, 1st, 2nd hen; 1st cockerel; 2nd pullet; 1st pen. Our stock all bred on the single mating plan for heavy egg production. This stock also has the size and combs that show constitution and vigor. Eggs guaranteed to hatch, at \$1.50 per 15. Day old chicks guaranteed to live, at 15c. Mature stock guaranteed to please, at \$2.00 and up. Special prices on larger quantities. Satisfaction and promptness our specialties.

**STURTEVANT BROS. BROWN LEGHORN FARM, Box 12, KUSHLA, ALA.**





## Barred ROCKS White

"Ringlet" Barred and White Plymouth Rock eggs, also White Indian Runner Duck eggs (pure white egg strain) 15 for \$2.00; 30 for \$3.00. Can furnish both pullet mated and cockerel mated Barred Rock eggs. Satisfaction guaranteed.

P. A. GEORGE :- HOHENWALD, TENNESSEE

## WHITE HOUSE STRAIN

Our illustrated catalogue free on "White House Strain." trap-nested S. C. White Leghorns, hatching eggs and day old chicks.

WHITE HOUSE POULTRY FARMS, A. Piez & Son, Box 220, Hammonton, N. J.

## S. WHITE LEGHORN BANTAMS

On account of press of other business we are offering our entire flock of WHITE LEGHORN BANTAMS at just one half of regular prices. We own the finest lot of these little birds in America.

MONTE VISTA POULTRY YARDS :- GREENVILLE, S. C.

## WRIGHT'S White ROCKS

Have won their share of ribbons and cups at the leading shows in this section for the past three years. If you want White Rocks of quality I can satisfy you. Eggs and stock for sale.

PAUL A. WRIGHT :- 653 Glenn Street :- ATLANTA, GEORGIA

## ROSE COMB RHODE ISLAND REDS

My Reds won first prize wherever exhibited, except at Jamestown Exposition, won 3rd cockerel. Have bred them 12 years. Now have won over 100 and special prizes. At Charlotte, N. C., December, 1913, Drevensstedt, judge, I won 1st cock; 1st cockerel; 1st, 3rd and 4th pullet. At Raleigh, N. C., January, 1914, won 1st cock; 1st cockerel; 1st, 2nd and 3rd pullet and best display. Eggs, \$2.50, \$2.00 and \$1.50 per 15.

P. R. BROOKS :- BLACK CREEK, NORTH CAROLINA

## Buckeyes and Buff Cochin Bantams

Stock and eggs for sale. From the very best exhibition matings. Pedigreed collie dogs. Everything guaranteed as represented.

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## WHITE PLYMOUTH ROCKS AND BUFF LEGHORNS

with show winning and utility qualities. Eggs, 15, \$1.50; 30, \$2.50; 50, \$3.50; 100, \$6.50, charges prepaid. Some fine Rock cockerels at \$2 and \$3 each. Satisfaction guaranteed. Sixth year breeding. C. E. ABBOTT, Warrenton, Ga.

## S. C. BUFF LEGHORNS

At Chicago on two entries I won 1st cock and 3rd cockerel, after practically sweeping the boards at Nashville and Augusta, the leading Buff shows of the South. I have for sale 300 females and 40 selected males at prices that will surprise you. Ask for catalogue describing matings. Eggs \$1.00 to \$5.00 per 15. Colony matings, \$5.00 per 100.

DR. E. S. LANDESS :- FAYETTEVILLE, TENNESSEE

## S. C. BROWN LEGHORNS AND BARRED ROCKS

S. C. Brown Leghorns, Owen strain. None better. Eggs from two fine yards \$3 per 15. Barred Plymouth Rocks, well bred and fine laying strain. Eggs \$2 per 15.

D. M. OWEN :- ATHENS, TENNESSEE

### "The Complete Records of the 20 Best Baby Chick Raisers in America."

That's the title of a book we want to send you—FREE. It tells in an interesting way how twenty people solved the problem of raising baby chicks successfully.

These twenty live in different sections of the country and had to cope with varying conditions. Their stories are instructive therefore, as well as interesting. The book is FREE. Send for it today.

RANCOCAS POULTRY FARMS,  
Box 188C Brown's Mills, N. J.

bleached (faked is a correct word), that often win over the better natural specimens. Is this honest progress? No. And double mating is not an evidence of reliable improvement. Personally I should like to see the next revision of the Standard a real revision that would obliterate all double mating requirements, and no change to be made in any of the established breeds in ten years, and not then unless there is strong evidence that plumage requirements are unnatural. Allowing changes to be made every five years is not the way to establish either uniformity of type or color. One thing more that will help stop double mating, is to insist that every judge should know what standard type and color is on all breeds he passes on. No judge has any right to have his own ideals of type and color. —G. O. Brown in American Poultry World.

### DUCKLINGS FOR MARKET

"A. E. M." (Hove) inquires if it is possible to earn £1 a week as a "duck-er." Much depends on how much capital can be invested and the accommodation at disposal. As it is preferred that ducklings should be bought and fattened rather than reared, the price would be about 1s each for month-old ducklings. If eggs for hatching were purchased the price would be 2s 6d to 4s dozen (according to season of year), hatching 2d, food to a month-old, say, 6d, while the feeding cost from that time until eight to ten weeks when they should be ready for killing, may be reckoned at about 1s. Thus the cost of each bird, to be on the right side, would be near 2s. The sale figure depends, of course, on the seasons, as in the early spring ducklings are in demand at 5s, which price gradually drops to 4s, and even 2s 6d later on, but an average of 3s per bird might be considered. This necessitates 1,000 ducklings being fattened and sold to make £50, with a strictly limited season—March or April to August, when game comes in season.

Ducklings properly housed and fed weigh about 1½ lbs. at four weeks old, gaining 8 oz. per week until the second month, when 4 lbs. for an eight to nine-week-old is a fair average, and the gain per week is 10 oz., after which age it loses weight. The Aylesbury "duckers" feed principally on well boiled rice, to which is added





# White WYANDOTTES--White PLYMOUTH ROCKS

## NONE BETTER IN THE SOUTH

**WON at AUGUSTA, GEORGIA, NOVEMBER 7th to 14th, 1913**

WHITE WYANDOTTES—3d cock; 1st cockerel; 1st hen; 1st pullet; 1st pen.  
WHITE PLYMOUTH ROCKS—1st, 2d cock; 2d, 3d cockerel; 1st, 2d pullet; 2d, 3d hen; 1st, 3d pen.

**WON at COLUMBUS, GEORGIA, NOVEMBER 17th to 24th, 1913**

WHITE WYANDOTTES—1st, 2d 3d cock; 1st, 2d cockerel; 1st, 3d, 4th hen; 1st, 3d, 4th pullet; 1st, 2d pen.

WHITE PLYMOUTH ROCKS—1st cock; 1st cockerel; 1st, 2d, 4th hen; 1st, 3d pullet; 1st, 5th pen.

Sweepstakes: For best cock bird and best cockerel in show. A few young birds and eggs from grand breeding pens for sale.

**E. E. MACK**    :-    :-    :-    **THOMASVILLE, GEORGIA**

cereals and a good quantity of meat or greaves. Ducklings require a plentiful supply of pure water for drinking, but are better without bathing water, for the action of swimming tends to develop muscle at the expense of flesh. At eight to nine weeks old, if properly looked after, ducklings should be in prime condition for market. "A. E. M." will do well, if space permits, to devote attention to poultry culture from September to March, and if flocks are kept suitable for laying and table, such as the Orpington, Faverolle, or Malines, satisfactory results should be obtained, especially if pedigree is not overlooked and progressive methods are adopted. With the Hearson's incubator suggested a good income can be obtained by hatching day-old chicks and ducklings for immediate sale, providing business aptitude is displayed.

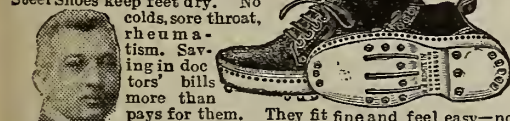
A new Wisconsin law provides that each incorporated poultry association in the State that has held at least one annual exhibition will receive annually from the State a sum equal to eighty per cent of the amount of cash prizes offered to exceed \$200. A statement must be filed with the Secretary of State on or before the first day of April of each year.

J. Krull, of Ft. Worth, Tex., has some chickens that have black flesh all the way through. He killed one recently and made the discovery, even the bird's breast being black. Two others were killed and their flesh was also black. They apparently are healthy and do not seem to be diseased in any way. Who can explain it?

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1 Pair Outlasts 3 to 6 Pairs All-Leathers **FREE**

The comfort, economy and durability of Steel Shoes is amazing. Thousands throwing away leather-soled shoes, boots, rubbers, etc. Steel Shoes keep feet dry. No colds, sore throat, rheumatism. Saving in doctors' bills more than pays for them. They fit fine and feel easy—no corns, bunions or soreness. Write postal for book, The Sole of Steel, learn how to save \$20 shoe money.



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Breeder and Exhibitor  
Barred Rocks, Partridge Wyandottes, Light Brahmas, Black Breasted Red Game Bantams, True Fawn and White Runners, Bourbon Red Turkeys. Over 400 Premiums 1911-12-13, at Tenn. State Fair, Rome, Monterey, Atlanta, Augusta, Cookeville, Knoxville. Eggs and stock reasonable. Satisfaction guaranteed. Write for catalogue C. For quick sale 6 hens, 1 cock Black Javas, winners at Tenn. State Fair 1913, \$15.00.

**FAIR VIEW POULTRY YARDS, Route 2, Box C-1, COOKEVILLE, TENN.**

## THEY'VE GOT TO GO

We are almost giving away some of the finest standard bred fowls in the South. 200 S. C. White Leghorns, 50 S. C. Brown Leghorns, 25 Barred Plymouth Rocks and 25 Anconas, all pullets, at the remarkably low price of \$1.50 each. Order direct from this ad., or you'll be too late. Eggs of 15 varieties of fowls, \$2.00 per setting.

**NEVIN POULTRY FARM, R 7, Box W, CHARLOTTE, N. C.**

## EXHIBITION SINGLE COMB WHITE LEGHORNS

WHITE WYANDOTTES, Their show record talks. Eggs from 1st and 2nd pens. Leghorns, \$2.00 and \$3.00 per 15. Wyandottes, \$5.00 per 15.

**C. W. ANDERSON**    :-    H. 72    :-    **SPARTANBURG, S. C.**

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N.A. Contest **282 Eggs** Per Year    **World's Greatest Layers**    Mo. Contest **258 Eggs** in 335 Days

S. C. White Leghorns, White Wyandottes, Buff Orpingtons, S. C. Rhode Island Reds, imported direct from England. 1st prize and cup in the Missouri egg laying contest, 1912-13. 1st prize and cup in the North American contest, 1912-13. Five hens laying 1190 eggs, an average of 238 eggs per hen. Poultry experts state this to be the most profitable strain of poultry in America. **THE PENNA. POULTRY FARM IS THE AMERICAN HOME OF THE ENGLISH WINNERS** of the Missouri egg laying contest, having made the marvelous record of 2073 eggs, seven hens laying over 200 eggs, 258-246-243-226-219-219, and 208 eggs respectively. We trap-nest every layer every day in the year. Write for our free catalog containing valuable information that will increase your egg yield. Don't fail to write us before buying elsewhere.

**HATCHING EGGS    CHOICE COCKERELS    BABY CHICKS**

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## MAPLE HILL POULTRY FARM

Breeders of the best "Giant" strain mammoth Bronze Turkeys, Ringlet Barred Plymouth Rocks and S. C. White Leghorns. Our pens are headed by blue ribbon winners exclusively, having won many ribbons and special premiums at some of the largest shows in 1911-12 and 13. Write us if you need anything in our line. Eggs and stock in season.

**MEMBER AMERICAN BARRED PLYMOUTH ROCK CLUB.**

**Morristown, Tenn.**

**MEMBER HAMBLIN COUNTY POULTRY ASSOCIATION.**



# The BEST in DUCKS

The very best Imported Pencilled Indian Runners. A limited number of eggs for sale at honest prices. Bred to lay. Single Comb White Leghorns and Single Comb Buff Orpingtons.

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WHITE PINE, TENNESSEE

## TURKEYS ALL SOLD

Giant Bronze Turkeys all sold. Watch for our offerings this fall. We can furnish you individuals for any show. With rich, copper bronze from head to tail. With enormous size and fine shape. Our "Hugo-King" strain has stamped quality in our flock of the very best. Our "Nugget" strain Buff Plymouth Rocks are large and fine in color, producers of the winners in almost every leading show in America. Eggs from our matings will place you in the leading winnings. Try us. Circular free.

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## SINGLE COMB Buff ORPINGTONS

I specialize S. C. Buff Orpingtons. 1st and 5th cockerel, Augusta show. Will furnish limited number of eggs from my 1st pen at \$5.00 per 15. Other pens, \$3.00 per 15 and \$2.00 per 15. Stock, matter of correspondence. Also Homing Pigeons.

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## Turkey Eggs for Sale

Do you want stock from the largest and finest in the South, from prize winners at Madison Square Garden, World's Fair, Nashville and many other great shows? Two flocks, unrelated, to select from. If so, write at once.

MRS. J. C. SHOFNER,

Route 1,

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### INDIAN RUNNER DUCKS

The greatest layers on earth; 300 eggs per year. Send 10 cents for beautifully illustrated booklet No. 69 Tells how to raise ducks successfully. WOMAN'S COLLEGE, Meridian, Miss.



## Water Fowls and Turkeys

By Our Special Correspondents

### RAISING TURKEYS.



AM convinced that the great trouble with many turkey growers in not having any better success is due to filthy brooding grounds and coops. Last spring the writer visited a turkey breeder that was having considerable trouble in getting his turkeys started out the first week; in fact he lost every one of his first hatchings but one. His coops were very filthy, and the little close yard he had them cooped up in was at least three inches deep in poultry droppings. I said to him, "My friend, you will never raise a single turkey if you coop them up here in this filthy yard; where you should have them is over there in that clover field, where everything is clean and where they can range at will." He moved his coops,

or made new ones I think, and placed the mother turkey and poults of the second hatching over in the clover field and only one day last week I saw this party in question, and I asked him how he came out with those last hatched poults and he said, "Well, we only raised 37 out of 40." I said, "Well, that is better than before, as you say you only saved one out of 63 hatched." "Yes," said he, "I don't want any more turkeys confined in close filthy chicken quarters; the more you have them on free ranges and on insects and worms for food the more you will raise." I said "Yes." I had learned that many years ago, and I will never coop up turkeys and keep them in close confinement again under any circumstances. Tainted yards carry any amount of infection and disease from one flock to another—from one individual to another, as well. We like large clean quarters out away from the barn yard fowls. Never yard poults where chickens have ever been kept. I did this very same thing one season years ago, when I knew but little about growing turkeys and the losses and sickness we had in our turkeys, both young and old, was a fright. It sometimes happens that we must make a yard for our brood coops, even if we brood the poults out in the back field. In that instance we always have provided ample room for the coops to be moved about to new locations every morning, and on rainy days the poults can be turned out with the mother in this park as a well cultured turkey hen will not travel or detain her poults long in the cold rain, but will move around slowly in this park, giving the poults exercise and at the same time fresh air, while if the coops are entirely open to a 20 acre range, you are compelled to keep the poults confined all the day long during wet days. I like a yarded park for the brood coops early in the season. I say, a well cultured hen, yes, a well cultured hen, for it appears that some hens are really better cultured than others, for only last season we had one turkey hen that brooded a clutch of 18 poults that was a real "hair-brained" creature, used no judgment whatever about strolling about with her poults; would pay no attention to the wet grass or the possible danger of going into the hog lot. While another hen of a different mating was given

a clutch of 24 poults and was really a hen of refinement; never moved about when the grass was wet, and when we approached her, would appear to always welcome us and would tell her poults, in her way of talking, to make ready, "the master was coming with good things to eat," and every poult would come meeting us long before they knew or could see us—they were told by the mother hen. This is a fact, as I have noticed this action of the hen time after time. These poults grew up and were quiet; would eat food from our hand, while the poults from the other hen would shy away and never have I been able to tame them so that we could approach them as we could the other turkeys, although they were all the same breeding, but had different training. Hence, it's in a large degree in the training poults receive and not the breed. Same is true with children. Many times it's the training that forms the character and not the breeding. It's not often that you will find a turkey hen of this timid disposition, as the majority of turkey mothers are very intelligent and will use much better judgment with the poults than the owner would, but in future, when we find we have a hen that is so timid brooding poults that she cannot be domesticated at all by my gentle treatment, her poults will be taken away from her, or rather she will be taken away from the poults and the poults given to a quiet mother. Any good turkey hen will accept turkeys any age and glad to get them. I would much rather have the poults mothered by a good mother than a wild, half-domesticated hen. Last season one of my neighbors had his turkey hen brooding poults killed when crossing the pike, by an auto. He came right over to see if I could furnish him a broody hen to take these poults. He said, "I fear she will not take the poults if you have one; what do you think about it?" I said, "sure she will; I have a motherly old two-year-old that will breed a calf if it will hover under her wings." I told him I had two hens running with 26 poults, and since they were now beginning to roost out on the fence, one hen could mother all of them, so he could take the "old hen." We caught the hen and neighbor "Henry", took her home with him and turned her in the brood pen where the poults were denoting distress, being grieved over the absence of their mother, and as soon as this "old hen", as we called her, realized the situation, she at once put up a motherly call and every poult huddled close around her and was quiet and contented from that moment on. The next day the hen and poults were turned out on range and both were apparently as contented as if nothing had ever happened. These poults were almost three months of age. Say what you will, a turkey hen comes the nearest to being a genuine good mother of any fowl or animal I ever saw. Give the quiet turkey hen her natural way and she will bring more poults to maturity than any "Aunt Jane" that ever fed a flock of poults.

Keep the brood coops clean, the park clean and feed but little, and sprinkle London Purple in ruffled feathers of the mother hen at night and not a louse will appear, not a gape will be seen and every poult that escapes the "old sow," the hawks and crows, will develop into fine healthy poults. If I can have free range, dry weather and non-related stock for breeders, I will raise the majority I hatch off. The turkey quarters must be kept sweet and clean as well as the quarters for the chickens, and you will have much better success.—J. C. Clipp, Saltillo, Ind.

Poultry gives as full scope for business ability as any industry on the farm.



### 35 VARIETIES

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Prize Winners Always. Are Heavy Layers of Pure  
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## Partridge ROCKS

Direct from the originator of this variety. Fowls, either cocks, hens, cockerels or pullets of grand breeding or show quality, from the greatest blood lines of the breed ever known at reasonable prices considering quality. Satisfaction guaranteed.

Eggs, from forty of the grandest matings ever made of this variety, strictly fresh and tested for fertility. Send for mating list describing these pens and explaining my great offer of Gold Medal to purchasers of eggs from me this season. Every infertile egg can be returned and will be replaced. Remember fowls in these pens have been winners at Chicago, New York, Cincinnati, Kansas City, Indianapolis, Topeka, and other leading shows and that catalogue is free for the asking. Come to the fountain head.

**S. A. NOFTZGER**, N. Manchester, Indiana  
Originator of the Partridge Rock Fowl.

## Poultry Disease Department

By J. A. THORNHILL, Hartselle, Alabama

Q.—I have a very fine pullet-bred Barred Rock cock bird that rattles when breathing. The rattling seems to be either in the throat or windpipe, and has been this way for a long time. I have given him every remedy I know of but the trouble continues the same. Have a cockerel sired by him with the same trouble. Do you suppose he inherited it? Please let me know through The Hen the cause of this trouble and what remedy you think would cure it. Both birds are vigorous and eat well, but the rattling is very bad, when breathing. I am anxious to get a cure and will thank you for same.—J. F. W., S. C.

Ans.—There is undoubtedly chronic inflammation or some slight ulceration of the upper part of the windpipe or the quarters may be too dry and dusty, which causes (by the continued breathing of the dust) inflammation of the windpipe. Such cases, after becoming chronic, are difficult to cure. They usually respond to the following treatment: If you can locate the ulceration apply a little creolin with a swab made by twisting some cotton about a match or sharp stick. Repeat the treatment every day until the inflammation is gone. I do not believe the cockerel inherited the trouble from the cock bird, but instead, got it in the same manner the old bird did. I have at several times discovered birds affected as yours, the trouble being caused by a growth, but in such cases the bird will cough as if trying to dislodge something.

Q.—I have twenty pullets and four cockerels which were hatched last June, all thoroughbred Barred Rocks that have something wrong with them. They sneeze and cough and open their mouths when they breathe. They were all doing fine up to a few days ago when I moved them into a new house that I had just built. I whitewashed the house the day I moved them, but it didn't get dry for several days. I will appreciate it if you will state the cause of the trouble and give me a remedy.—Mrs. T. H., Miss.

Ans.—You should never whitewash poultry houses during weather that the walls will not dry the same day. Your building was damp and cold which accounts for your trouble. Your birds have colds, caused by the damp roosting room. Birds that roost in open dry quarters seldom catch colds. Poultry should never be crowded nor compelled to roost in filthy damp quarters. Put a few drops of

A HOME MACHINE FOR THE HOME FOLKS  
MADE TO SUIT THE CONDITIONS IN THE SOUTH

Manufactured by

## Southern States Incubator and Brooder Company

COLLEGE PARK, GEORGIA.

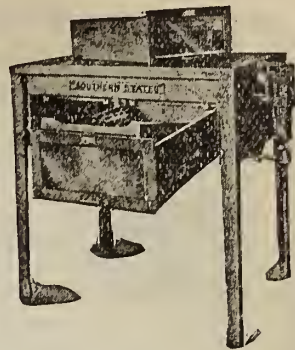
A Machine that is hatching big per cent of Ducks and Chickens. It is absolutely free from smoking or catching on fire.

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There is no machine on the market today better in any way than this machine. Made from the best of natural oak grown in Georgia; highly polished, it is a substantial and beautiful piece of furniture. All inside heating equipment made from best grade of copper.

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Write for our catalogue, describing fully each machine and brooder, with prices. Don't buy until you have investigated our machine.



## WHITE WYANDOTTES

Have a number of exceptionally fine cocks, hens and pullets that I will sell at bargains for quick buyers. Will sell my New York, Atlanta, Savannah and Columbia winners. If you want some of the best blood in America write me at once stating what you want, and I will make you price to suit. Remember my birds have won from New York to Atlanta in awful strong competition. No cockerels left.

T. L. LITTLE -- Box No. 534 -- CAMDEN, S. C.

## FLETCHER'S Buff ROCKS

ALWAYS WINNERS, won at Chattanooga show 1st cock; 1st cockerel; 1st, 2nd pullet; 2nd, 3rd hen; 1st pen. Stock and eggs for sale. Eggs, \$2.00, \$3.00, \$5.00 per setting, \$10.00 per hundred.

JNO. G. FLETCHER -- 404 Vance Avenue -- CHATTANOOGA, TENN.

## CHAMPION BARRED ROCKS

I am now ready to furnish eggs that will produce the winners for 1914. At the Tennessee State Fair, September 29, to October 4, 1913, I won 1st and 2nd cock; 1st hen; 1st and 2nd cockerel; 1st pullet (6 entries); Kentucky State Fair, September, 1913—1st, 2nd, 3rd and 5th cockerel; 2nd and 5th cock; 5th hen; 2nd pen; and \$10.00 gold special for best display. This, with my win of silver cup at the International Egg Laying Contest, 1912, proves my Rocks win, lay and pay. Send for mating list of my champions. Incubator eggs a specialty \$5.00 per 100.

A. G. CALLAWAY -- R. F. D. 22 -- Box 55 -- LOUISVILLE, KENTUCKY

## SPECIAL SALE!



ORPINGTONS White INDIAN  
Black Black RUNNER DUCKS  
Buff Fawn and White  
Penciled

White WYANDOTTES—S. C. RHODE ISLAND REDS

In two recent shows we won thirty-six firsts and eleven specials, more than all competitors combined. Breeder, shipper and importer. Baby chicks and ducklings, 153 prizes in 4 shows. A. P. A. gold medal. Stock and eggs for sale. Fancy poultry for breeders a specialty. Write for price list No. 69.

Woman's College Poultry Farm -- Meridian, Mississippi

spirits of camphor into the drinking water and with all the wholesome food your birds will eat they should be well in a few days.

Q.—Please give me an answer to four questions, as follows: (1) Is carbolic acid good for sick poultry? (2) Would you use a male that cost me \$25.00 at Montgomery, Ala., last fall that has had roup all winter? (3) I saw somewhere that kerosene oil was good for roup, but it blistered the face of mine. Do you use it for colds and roup? (4) Where

## Don't Feed Green Food!

Do away with the bother by using  
**Succulenta Tablets**

They are better and cheaper and more relished by all fowl. Simply dissolve one tablet in one quart drinking water for fowl. Sample can (100 large tablets) by mail .75. Can of 250 large tablets by mail \$1.50. YOUR MONEY BACK IF NOT SATISFIED. Drop postal for particulars to The Succulenta Co., P. O. Box 405-25, Newark, N. J.



## CHICK-A-DEE FARM S. C. WHITE LEGHORNS



produces the high record laying pullets.  
can be bought at prices that any farmer or breeder can reach.

For 16 years I have bred this breed for prolificness, trueness of type and vigor, and won my share of ribbons at best shows. I have 4 pens mated under the direction of C. A. Wilson, Professor of Animal Husbandry, Experiment Station of Tennessee, being especially bred to find the male bird that Have other pens equally as good and eggs

J. A. DINWIDDIE -:- R. No. 3 -:- NEW MARKET, EAST TENN.

## COWAN'S WHITE LEGHORNS

Pens now mated and down to business like the Springtime. Book orders now for future delivery. Try my exhibition matings. Have also a fine utility flock; satisfaction guaranteed. Write for mating list.

THOMAS COWAN

DECHERD, TENNESSEE



## For SALE Single Comb BROWN LEGHORNS

Some yearling stock yet for sale, cockerels and pullets which will make good breeders. Buy a good striped cockerel and tone up your flock. Eggs \$1.00, \$2.00, \$3.00 per setting of 15 eggs, \$6.00 per hundred. Circular free.

M. S. COPELAND

POWELL STATION, TENN.

can I secure a Barred Rock cock to mate with some pullets that can be depended upon?—A Subscriber, Nashville, Tenn.

A.—(1) 10 drops of carbolic acid in one or two quarts of water will often prove beneficial to poultry. It aids digestion and acts as a purifier of the entire system. (2) No; such a breeder would only add trouble to your business. (3) Yes, I have used kerosene oil for curing roup and colds, but never as you mention. Five to ten drops on a teaspoonful of sugar given a fowl with a cold is good and as a roup cure. I apply it to the ulcerated spot with a feather. (4) There are several prominent Barred Rock breeders who run ads in the columns of The Hen, whose birds can be depended upon to build up a flock.

Q.—Will you please tell me how long after the male is removed from a flock before the eggs are infertile.—N. W. W., Hebron, Va.

A.—From six to ten weeks. Some writers make the assertion that one service of a male bird will fertilize the entire clutch of eggs in the ovaries at the time of service, which may be true, but we too often find eggs that are less than 40 per cent fertile and the male constantly with the flock. Eggs will hatch satisfactorily after a male has been introduced to a flock six to eight weeks.

### NO MOPING NOW.

"I'M LAYING"

Disease Paralyzes the crop (totally or partially). Why pour medicines into a "paralyzed crop," there to lie dormant, while disease destroys?

### GET OCULUM AND INJECT

it, and Cholera, Roup, W. Diarrhea, Black-head and Leg Weakness will "get out and stay out."

"You have opened a gold mine for the chicken man." J. S. Hendry, Louisville, Ky. Dealers, 50c. and \$1. If skeptical (doubtless you are), dime (postage), brings either size. Send bal. if O. K. Agents needed. Literature free. Your move next.

H. I. CO., Box M, Salem, Va.

### FLESH-PRODUCING BREEDS

Information on table poultry is always desired. Well-fed spring chickens realize the best prices in early summer, although there is no reason why the chickens of quick-growing breeds should not be hatched even later. With special attention to rearing and feeding, chickens should be "ripe" or ready for killing, at twelve to sixteen weeks. The climatic conditions of the fall months will favor the young birds' development, especially if good pasture land and requisite shelter can be afforded them. As to the breeds or crosses to be utilized, the Buff Orpington is one of the best, having good depth of body and wide breast, together with suitable frame. Providing a good utility strain can be secured, chickens of satisfactory size should be reared, but it is when crossed with other breeds possessing characteristic table properties that flesh for the table in satisfactory proportion is obtained, and here the excellent service of the shapely, quick-growing, fleshy French Faverolle should be made use of.

Containing Dorking blood and Braham, it lends itself admirably to the purpose, whilst it is also a capital layer. It is a very hardy winter breed, and, mated to the Buff Orpington, will provide a sufficiency of both breast meat and rich brown eggs. The Old English and the Indian Game are excellent for crossing with the Orpington, and the Sussex should also be favorably mentioned, for in the county associated with its name splendid, well-grown table fowls are always

## BROWN LEGHORN EGGS

\$3.00 and \$5.00 per 15

Write for Free Circulars. 20 Fine Cockerels at a Bargain.

E. E. CARTER

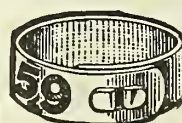
Dept. 1H Knoxville, Tenn.

plentiful. The old-fashioned Dorking is, of course, Great Britain's leading flesh-producer. Although admittedly of slower growth than those mentioned, it is surprising the wonderful size and splendid shape which birds of this grand old breed attain, and crossed with Game, Braham, or Sussex the succulent flesh is always most satisfactory.

### Medium-sized Birds

It will be noticed that all sitting breeds have been recommended, but there is no reason why some of the small non-sitters, or Mediterranean, breeds should not be utilized for table purposes where only medium-sized birds are required, and two in particular may be mentioned. The Belgian Campine reaches maturity at a very early age, especially the cockerels, and good plump, meaty breasts can be insured at ten weeks where small-sized, plump-breasted fowls will suffice. The La Bresse, either black or white, is a capital flesh-producer, while if either of these breeds is crossed with the shapely, deep-bodied Houdan, chickens for the table will give surprising results, and, for their size, compare most favorably with more massive breeds. Moderate sized birds are always in demand, and pay better than those extra large. Chickens weighing 3 pounds to 3½ pounds readily sell at 3s 6d, while 4½ pound birds and over seldom make more than 4s.

Poultry as a food for the people has hitherto been regarded as a luxury but with the many reliable incubators and foster mothers placed in the market at reasonable prices, together with an increased attention to poultry culture, there is no reason why the luscious meat of well-fed chickens and fowls should not be more generally consumed by all classes. When one considers that by poultry-keeping it is possible to convert refuse food into delicious meat there is no reason why table poultry should not be within the reach of all. The waste from large hotels and other establishments and institutions should be made better use of, as with proper method it would considerably economize the food bill. Soaked and mixed up with various



### Ideal Aluminum Leg Band

To Mark Chickens

CHEAPEST AND BEST

12 for 15c; 25-50c; 50-35c; 100-60c; 175-\$1.00; 200-\$1.10; 500-\$2.50. Price list and sample 2c. Frank Myers, Mfr., Box 50, Freeport, Ill.



cereals, such as ground oats, sharps, and barley meal, it will produce good, fleshy poultry, especially when skim or soured milk can be used in the mixing. Farmers and others complain that insufficient profit is obtained but this is mainly due to inattention to feeding, and failure to put the birds through a course of two to three weeks fattening or cramming in properly constructed fattening coops—placed about 3 feet from the ground and having latticed bottoms—where they can be crammed regularly. The cost of this process need not exceed 4d or 5d a bird, and the investment and trouble are usually well repaid.

#### Ducklings Profitable

Ducks are usually very profitable when reared for flesh-production, while there is little trouble in either hatching or rearing. With ordinary attention they can be got ready for the table at six to eight weeks old. It is a mistake to keep ducklings beyond this age, when they start growing feathers instead of flesh. When kept clean on pasture land, with plenty of shade, and in well-ventilated sheds or houses, with not too much room to run about or water to drink, they give splendid results, especially if such massive breeds as the Aylesbury are used. These, when crossed with the Rouen, produce immense ducklings, while the Pekin is another useful duck for crossing for early maturity, and can be got ready for killing at eight or nine weeks with ordinary treatment. For smaller-sized birds, crossing with the useful Buff Orpington Duck is recommended.

#### By-products of Wheat

In poultry feeding wheat undoubtedly plays a conspicuous part, and is largely used for adults, also chickens, which could hardly do without this life-sustaining grain, especially when its by-products, such as middlings or sharps, also bran, are considered. Middlings have even 4 per cent more flesh-formers and nearly 3 per cent more fat than actual wheat in grain form, while bran is not only economical but nutritive. The outer covering of wheat, which is bran, is rich in phosphates and bone-forming material. A word of warning, however, should be given about bran feeding, for, while sharps or middlings can be mixed or used for drying off any soft food without preparation, bran, whether used in large or small quantities, should always be first well scalded and allowed to stand before using, rendering it more easily digestible, especially for young birds, whose delicate organs are liable to be injured by the somewhat fibrous nature of bran. However, in the case of over-fatted hens there is little danger, and a healthy condition of the organs may be secured by its liberal use.

It may safely be stated that sharps and bran are excellent additions for the mash or soft food, which should form at least two-thirds of the hen's daily menu. Biscuit flour, which forms the basis of the many biscuit meals, is the most nutritious, for "tail wheat" that comes next to that part of the

## S. White LEGHORNS

Are the great commercial hens. My strain has been bred eight years for quick maturity and heavy egg production. Eggs for hatching or baby chicks in lots one dozen to thousands. Start early. Write for prices—

O. T. HALLMAN -- R. F. 2 -- SALISBURY, N. C.

## NICHOLSON'S ROYAL BLUE ORPINGTONS

At these three 1914 classic shows, Chicago, New York and Boston, my Blue Orpingtons have swept everything before them, and are unequalled by any other strain in England or America. Their color, quality and type have never been even dreamed of before. My winnings read more like a fairy story and the buyers of Blue Orpington stock or eggs should, for their own future, study my winnings, and then decide who has the Best Blue Orpingtons, not in America, but the world. I claim the above title because my birds have earned it in open competition and have defeated the world's best Blue Orpingtons.

MY WINNINGS ON ROYAL BLUE ORPINGTONS—Chicago, 1913-14: 1st cock; 1st cockerel; 1st pullet; 1st hen; best display. Madison Square Garden, N. Y., 1913-14: 1st hen; 2nd and 5th cocks; 1st and 5th pullet; 2nd cockerel; 2nd and 3rd pens; best display, 109 in competition. Boston, 1914: 1st, 2nd, 3rd cock; 1st, 2nd cockerel; 1st, 5th pullet; 4th, 6th hen; best display, 52 in competition.

My record of 1st pullet at Chicago, New York and Boston with three sister pullets stands alone and perhaps will never again be equaled. Above records have been made at three great classic shows of America, not second-rate cattle shows. I have won under three different judges, Delano, Myers and Greenwood. My pens will be headed by the most exhibiting lot of winning males the Blue Orpington world has ever seen.

BARRED ROCKS: My Barred Rocks again win at Boston, 1914. In the hottest class ever seen I won 1st, 2nd and 6th cock. At the Crystal Palace Show, England, American class, Nov. 18, 1913, I won 1st and 2nd cocks; 1st and 2nd cockerel; 1st, 2nd and 3rd hen; 2nd pullet and international medal.

BARRED ORPINGTONS, originated by me. At Boston, 1914, I won 1st Barred Orpington cockerel, also 1st pullet. Send for circulars to the breeder who is exhibiting and winning and proving he is breeding the Best Blues in the World.

HALDIE NICHOLSON -- Box 6 -- LEOMINSTER, MASS.

## FRAIN'S BLACK and WHITE ORPINGTONS

Our winnings at Augusta Show on Blacks: 1st hen; 3rd pullet; 3rd cock; 3rd, 4th, 5th cockerel. A lot of Black cockerels for sale. Whites: 4th and 5th hen at Columbus, Ga. Blacks: 1st hen; 1st and 5th cockerel; also the best bird in the show; 2 special \$10.00 in gold and 2 silver cups. Whites: 4th cockerel. Eggs, \$3.00, \$5.00 and \$10.00 per setting; utility stock eggs, \$10.00 per 100. Agents for Cyphers Incubators and Supplies.

R. A. FRAIN & SON -- 1370 Broad Street -- AUGUSTA, GEORGIA  
2316 Wrightboro Road --

## WE DONE MOVED

Owing to the increasing demand for my Dixie quality strain White Wyandottes, have moved to Buntyn, Tenn., where I am better prepared than ever to furnish you with the very best stock and eggs. My birds have won more regular and special prizes than all others combined at three of the South's leading shows this season. Write for illustrated mating list. Eggs from 12 of the greatest pens I have ever mated, \$2.00, \$3.00, \$5.00 per 15.

CARRINGTON JONES, Box 145, BUNTYN, TENNESSEE

grain which is used for human food. Sharps come next in varied grades of fine and coarse, followed by the bran. Poultry keepers are reminded that it is not the large, plump wheat that is the most nutritious, for "tail wheat" providing it is not too thin, is an excellent feed, owing to the larger amount of the outer portion, which is much more nourishing to fowls than the inner.—London Telegraph.

A modern poultry plant has been established at the Federal Prison at Atlanta, Ga., and it is conducted by the prisoners and is for their exclusive benefit. It is fully equipped with modern conveniences and devices and is proving a success. All the breeding birds are from fancy stock, most of them having been donated by poultrymen, the State furnishing the equipment.

We want the name of every young man who is ambitious to



## BE A LAWYER

and we want to hear from every business man who wishes that he knew BUSINESS LAW.

Write today and let us tell you how we have made lawyers out of hundreds of young men just like you, and equipped business men with a legal training that has been of immense benefit to them. This School, founded 23 years ago, has graduates who have passed bar examinations in every state in the U. S. Courses endorsed by Bench, Bar, and Business men.

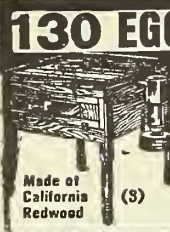
Learn about (1) our Complete College Law Course which fits for practice, and (2) our Complete, Practical, Business Law Course for Business Men. Find out about the low cost, and see how easily you can obtain a thorough knowledge of the Law while continuing your present work. Easy Terms!

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HOME





**130 EGG**

## Wisconsin Wins In Big Hatching Contests

Every Year

**130 CHICK**

Wisconsin Incubators won in 1910, 1911, 1912 and 1913 in National Hatching Contests—thousands of machines competing. Catalog tells all about it, and why Wisconsin is winners. If ordered together both machines \$10—freight paid east of Rockies. Wisconsin have hot water heat, double walls, dead air space between, double glass doors, copper tanks and boilers, self regulating, Nursery under tray. Incubator and Brooder shipped complete with thermometers, lamps, egg-testers, all set up, ready to use when you get them. Incubators finished in their natural color showing the high grade Calif. Redwood lumber we use—not painted to cover up cheap material. If you will send for our catalog we will send you a sample of the material, then you can compare it with the kind others use. If you will do this we know you will order a Wisconsin. Money back if not satisfied.

**Or 180 Egg Incubator Both \$11.50**

**Chick Brooder**

**\$10**

**Wisconsin Incubator Co., Box 82 Racine, Wis. BOTH FOR**

## WYNNEWOOD HOME OF THE ROYAL BIRDS

Royal White Cornish Games. When full grown these birds weigh 10 to 12 lbs., males; females, 7 to 8 lbs. They will lay and set every month in the year. Imperial Ringlet Barred Plymouth Rocks, S. C. White Leghorns, Wyckoff strain direct; White African Guineas. The prizes won by my poultry in the largest shows of the South under judges of national reputation, speak in loud tones of their quality. If you want eggs for hatching or stock, write me—

**MRS. A. S. GORRELL --- MORRISTOWN, TENNESSEE**

## LONG'S Silver WYANDOTTES

If you want the best in stock and eggs, send for mating list. POPE M. LONG, Cordova, Ala.

## S. C. BUFF LEGHORN EGGS

Those who have received mating list please notice that prices are reduced one-third. Eggs now \$1.00, \$2.00 and \$3.00, or 15 of each for \$5.00. Incubator lots of 100, from all the pens, \$9.00. Hatch your own layers and laugh at high prices for eggs next winter, and have your own fresh eggs in summer. Write for show record.

**HOYAL JOHNSON, Route 2, Box 1. H., BRUSH CREEK, TENNESSEE**

## MOORE'S EXHIBITION BARRED PLY. ROCKS

Won the past winter, and the winter before, more firsts than all our competitors combined, and were the admiration of all. Invincible in the show room, and heavy layers. Write for mating list, now ready. Price of eggs from champion matings \$10 and \$12.

**J. R. MOORE & SONS --- Box 76 --- SHELBY, N. C.**



**REYNARD**

### WEELAUNEE LOFTS PORTERDALE, GA. JOHN A. PORTER, Prop.

My CARNEAUX, MALTESE, ENGLISH RUNTS and MONDAINES have won in the whole circuit of shows this year over 100 blue ribbons and seven silver cups besides numerous specials. In purchasing my stock you have the satisfaction of knowing that they are as good as money can buy and years of long experience can breed. If this is worth anything to you enclose two cent stamp for prices, etc., I can very likely send you references in your own locality. Ask one of the best pigeon Judges in America what he thinks about them. His address on request.

## Utility and Fancy Pigeons

By JOHN A. PORTER, Porterdale, Ga.

### INDIVIDUAL BREEDING PENS FOR PIGEONS

Individual breeding pens for pigeons are coming very extensively into use, especially in the cities where only a small amount of space is available in which to build a loft with a fly in front.

As a rule, runts do not breed as rapidly as other pigeons; it, however, has been discovered that they will breed very much more rapidly when each pair is placed in a breeding coop to themselves. Runts especially, have a disposition to visit around to the nests of other birds when their mates are setting, and by crowding in and pecking at their neighbors often cause them to break their eggs and oftentimes to quit their nest. By the use of the individual breeding coop this is entirely prevented and they attend more strictly to their own business in raising squabs.

In a recent trip to the North the writer found that some of the most noted breeders in the country were resorting to this method with the larger breeds and getting excellent results from it. It does not take up so much space as it would at first appear, as no fly is used and practically all the space in the loft is available for building the pens. It has many advantages; 1st, any room of moderate size can be used for the purpose; 2nd, you have absolute control of the birds at all times. With this method no mating coops are necessary. You have only to select the male and female that you desire to mate and turn them into the coops. In a short time they will be mated and at work.

Each coop or compartments has a label on the door with corresponding numbers to those on the birds. Taking the squabs out from any one compartment, it is only necessary to band one of their legs corresponding to the number of the label. In this way, positive and accurate data can be kept on each pair as to the number and quality of squabs they have bred.

#### How It Is Done.

Take, for instance, a room 6 feet high, 12 feet long and 12 feet wide. On each side of this room is built the cages, which, as a rule, are 3 feet high, 3 feet wide and 4 feet deep. Each coop is provided with a light frame door in front covered with 3-4 or 1 inch mesh poultry wire. At the back of each coop is placed a shelf 12 inches wide, running the length of the coop, on which is placed a nappie containing nesting material. On the floor immediately under this nest is placed another nappie to provide 2 nests for the breeding

birds. The partitions between the coops are made of 1 inch poultry wire. We now have 2 tiers of coops—one on each side of the room—each tier containing 8 coops which will accommodate 16 pairs of birds with a 4 foot alley between them. In each coop is placed 3 cups, one containing feed, one water and one grit.

The editor does not recommend this method except for runts and the larger breeds, unless one is very crowded for space. However, all breeds of pigeons are being bred in this manner. Any old place will do in which to place the coops, provided the space selected has a good roof. It could be built inside of a stable or along the walls inside of a barn or any out-house, as many tiers high as the height of the roof will permit. The coops can be made absolutely rat proof with but very little trouble and expense. For the breeder who is keeping a few pair of pigeons for fancy or for raising squabs for home consumption, it is to be highly recommended. The writer visited a friend of his in upper New York City who is a breeder of White German Runts. His lofts were built on top of his garage after this method and it was an inspiring sight to this pigeon fancier to walk down the aisles of this loft and watch the love-making and nest building of these beautiful white birds, each in his own individual home. In this instance there were two rows of coops, one on each side of the loft; 20 coops long and 3 coops high, 120 coops in all.

### AMOUNTS TO A "FREE LIBRARY" OF POULTRY INFORMATION.

We believe that practically every one of our readers will find it to his or her advantage to send to the Cyphers Incubator Company, Buffalo, N. Y., for a full set of the valuable free booklets and special 1914 circulars they are now mailing out, postage paid, to all who ask for them. These booklets and circulars include the following:

Main catalogue, 1914 edition, entitled "Poultry Keeping In All Branches," containing 244 pages, 7 1-4 by 10 inches in size.

"Selling Day-Old Chicks and Doing Custom Hatching," explaining both plans and giving examples of noteworthy successes; eight pages, 9x12 inches, illustrated.

"Portable Hovers—When, Where and How to Use Them for Best Results," four pages, 11 by 18 inches, well illustrated.

"Sectional Indoor Brooders—When, Where and How to Use to Best Advantage," same size as foregoing and well illustrated.

"Successful Outdoor Brooding," telling "When, Where and How to Use Adaptable Brooding Hovers for Best Results," same size as foregoing.

"Best Methods of Brooding," consisting of 52 pages, 7 1-4 x 10 inches in size, a daily guide for care of the chicks.

"Poultry Foods and Feeding." Also 52 pages, same size as above. Full instructions on how to raise broilers, friers, roasting chickens, capons, layers, breeders, etc.

"Cyphers Poultry Farm 1914 Mating and Sales List" twenty pages, 7 1-4 x 10 inches, fully describing the basis on which the Cyphers Company's \$80,000 all-purpose poultry plant is conducted; fully illustrated.

To our subscribers all the above mentioned booklets and circulars are entirely free, without any obligation on your part and so that you may "keep abreast of the times" on the latest poultry information, we suggest that you write to the Cyphers Incubator Company, Dept. —, Buffalo, N. Y., and ask for such of these pieces of printed matter as you would like to receive.

When you send in your request, please give the name of this journal, thus doing us a valuable favor.

**The Industrious Hen, Three Years Only One Dollar.**



# Germifugue

(Non-Poisonous)

**KILLS Poultry ILLS. A MANY in ONE Remedy**

A Scaly-Leg Ointment. A Lice Ointment. A Healing Ointment.

Also an Internal Remedy of Wonderful Efficiency in All Germ Diseases.

2 Ounce 25 cents; 1 Pound \$1.00

No free samples, but a 25-cent tin will be sent on approval.

Guaranteed by

**J. H. PETHERBRIDGE**  
Manufacturer

**MT. AIRY, PHILADELPHIA, PA.**

Under the Food and Drugs Act, June 30, 1906, Serial No. 41869.

## Specialty Clubs and Associations

As Reported by Their Secretaries

The annual meeting of the Rose Comb Buff Leghorn Club of America was held at New York City December 3, 1913, in connection with the 7th Annual Poultry and Pet Stock show of the Empire Poultry Association, which was held in the new Grand Central Palace.

President W. H. Didier being absent, the meeting was called to order by Mr. William J. Peck, who was elected temporary chairman. A vote of thanks was extended to Honorable President Mr. Didier for his liberal assistance and good work, which he has done for the club for the past three years. A vote of thanks was also extended to the secretary-treasurer.

The club was found to be in a good financial condition, and all bills to date paid and over forty dollars (\$40.00) in the treasury.

The following officers were elected: William J. Peck, Pittsburg, Pa., President; Fred Bertram, Bound Brook, N. J., 1st Vice-President; F. A. Tecktonius, Racine, Wis., 2nd Vice-President; W. J. Vrooman, Tutela, Can., Canadian Vice-President; Howard J. Fisk, Falconer, N. Y., Secretary-Treasurer. Executive Board: The above officers and W. H. Didier, Ft. Wayne, Ind.; E. J. Turner, Springvale, Me.; M. A. Stivers, Middletown, N. Y.

As there were quite a few copies of the last annual catalogue still on hand, it was decided not to issue another one until the present supply is exhausted.

### THE AMERICAN SINGLE COMB BROWN LEGHORN CLUB

Is an organization composed of the leading and most prominent Brown Leghorn breeders of America. Its officers recently elected are as follows: Wm. G. Warnock, President, Geneseo, Ill.; Geo. H. Bergott, Eastern Vice-President, Lawton Station, N. Y.; A. L. McCall, Northern Vice-President, Minneapolis, Minn.; E. E. Carter, Southern Vice-President, Knoxville, Tenn.; J. C. Williams, Western Vice-President, Fullerton, Cal.; G. L. Hornbrook, Central Vice-President, Decatur, Ill.;

## SPAIN'S ROCKS Mammoth TURKEYS Barred BRONZE

I have won champion exhibition cockerel of Virginia and 1st and 2nd pullet bred males at our Barred Plymouth Rock state show at Lynchburg, January 13-16. I have some very choice exhibition cockerels at \$5 to \$10. Also some grand pullet bred cockerels. I have some very choice turkeys very close akin to my 1st Baltimore Tom. Also some very choice hens. To close them out I will sell them at reduced rates for February. My pens are mated up, and I can furnish you eggs headed by the two champion cockerels of Virginia at \$2 to \$5 per 15 eggs. A limited number of turkey eggs at 50c and 75c apiece. Flocks headed by 3rd Baltimore tom and 1st cockerel. Mating list sent on request; also winning sheet.

**E. C. SPAIN, R. F. D. No. 2, CHURCH ROAD, VIRGINIA**

## DILLARD'S ROCKS BUFF PLYMOUTH

Win in Strong Competition. At Spartanburg, 2nd cock, 2nd cockerel; 1st, 2nd, 3rd, 5th hens; 1st, 3rd, 4th, pullets; 1st, 3rd pens; 1st display. Special Loving Cup for best display, all varieties competing. Eggs after Jan. 1st. Booking orders now. 1st pen \$5.00, 2nd pen \$3.00, 3rd and 4th pens \$1.50 per 15. Stock a matter of correspondence.

**S. B. DILLARD :- SPARTANBURG, SOUTH CAROLINA**

## Barrett's Blue Ribbon Strain and Imported Single Comb MOTTLED ANCONAS

the world's greatest layers. Stock and eggs. Write for mating list.

**BARRETT'S ANCONA FARM :- Morristown, Tennessee**

State Vice-President Ancona Club. Member Ancona Club of America.

## MEYER'S CHAMPION STRAIN OF Black LANGSHANS

are still winning. Just won at Little Rock, Ark., October 13-18, 1913, 1st ck.; 1st, 2d, 3d and 4th hen; 1st chl. and 1st pullet, on 7 birds. Better write me for prices on stock. I guarantee satisfaction.

**W. A. MEYER :- BOWLING GREEN, MISSOURI**

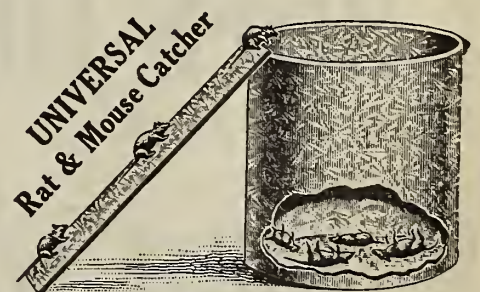
J. H. Henderson, Secretary-Treasurer, Knoxville, Tenn. Anyone acquainted with the breeders of Brown Leghorns will at once recognize the strong personnel of the officers chosen by the club. The secretary-treasurer is planning some very important work for this coming year. Every breeder of Browns will be interested to know that a complete directory containing the name and address of every breeder in the United States of America is contemplated.

The secretary-treasurer is getting very encouraging reports from the winter shows held throughout the country, showing that the Brown Leghorn, one of the "old-time favorites," is still attracting marked attention, being one among the largest entries at the big shows, Chicago, New York, etc.

The secretary-treasurer is very anxious to secure the name and address of all Single Comb Brown Leghorn breeders, whether members of the club or not, for this directory. Address J. H. Henderson, Secretary-Treasurer, Knoxville, Tenn.

### ANNUAL MEETING COLUMBIAN PLYMOUTH ROCK CLUB.

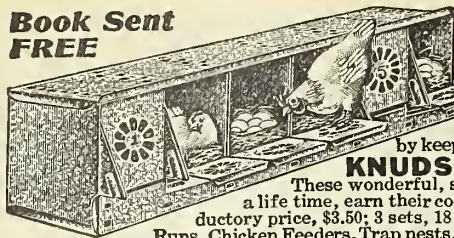
The regular annual meeting of the American Columbian Plymouth Rock Club was held at Pittsburg, Pa., Wednesday, January 21, 1914. The following officers were elected for the ensuing year: President, Samuel W. Bradley, Lime Rock, Conn.; Vice-Presidents, Jas. H. Taylor, Woodstock, Ill., C. W. Garlock, Ft.



Cleans a building of Rats and Mice in short time, keeps it cleaned, for it is always ready for use. Made of galvanized iron, can't get out of order, lasts for years. Large number can be caught daily. Go to Catcher mornings, remove device inside, which only takes few seconds, take out dead rats and mice, replace device, it is ready for another catch. Small piece cheese is used, doing away with poisons. Catcher is 18 inches high, 10 inches diameter. When rats pass device they die, no marks left on them. Catcher is always clean. One of these Catchers set in a livery stable in Scranton, Pa., caught over 100 rats in a month. One sent prepaid to any place in United States upon receipt of \$3. Catcher, 8 in. high, for mice only, prepaid \$1. On account of shipping charges being prepaid, remittance is requested with order. H. D. SWARTS, Inventor and Manufacturer, Scranton, Pa.



**Book Sent  
FREE**



## Lice-Proof Nests

**HAPPY HENS EARN BIG PROFITS**

Keep your hens happy, get more eggs, make them pay you better by keeping them free from lice and mites, by equipping laying houses with **KNUDSON Galvanized Steel LICE PROOF NESTS**. These wonderful, sanitary, *patented* nests (not a trap nest) can't get out of order, last a life time, earn their cost many times over. Regular price, \$3.90, set 6 nests—special introductory price, \$3.50; 3 sets, 18 nests, \$10. Write for free catalog, Gal. Steel Brood Coops with Runs, Chicken Feeders, Trap nests, etc. Knudson Manufacturing Co., Box 587 St. Joseph, Mo.

## BLUE and WHITE POULTRY YARDS

Blue WYANDOTTES EGGS White WYANDOTTES  
Blue LEGHORNS White LEGHORNS

from all Blue Ribbon White Wyandottes \$7.50 per 15. Other pens \$2.50, \$3.00 and \$5.00 per 15. Blue Wyandottes, \$7.50 and \$5.00 per 15. Blue Leghorns, \$7.50 per 15, other pens \$3.00 and \$5.00 per 15. White Leghorns, \$2.00 per 15. I won at Columbus, Ga., Nov. 1913, on Blue Wyandottes, 1st pen. Blue Leghorns, 1, 2, 3 pen; 1, 2 hen; 1, 2 cock; 1st cockerel; \$5.00 special for best display. White Wyandottes, 3, 4, 5 pen; 4 hen; 5 cock. The Geo. Hamburger gold and silver cup for best pen by lady exhibitor. My White Wyandottes won 1st pen at Atlanta, S. I. P. A. show 1911, also 1st pen 1912, different birds. Single entry, 3rd hen; 5th cock. Every bird in my pens prize winners. A few trios Blue Leghorns, \$25.00 trio; yearling stock. Satisfaction guaranteed. Life Member A. P. A.

MRS. C. A. BULLOCH, Box 15-B, BULLOCHVILLE, GA.

## S. C. WHITE LEGHORNS

Lawson's Blue Ribbon Strain, the best egg producers by test; always win the blue. 75 fine February and March cockerels, \$5.00 up. Eggs for hatching, all the time. Every shipment on approval.

White Hill Poultry Farm A. J. LAWSON, Manager  
Route No. 4, Box 20-B Cleveland, Tenn.

## White PLYMOUTH ROCKS

My White Rocks have just won at the great International, Atlanta, first and fourth pullet, 2nd cock, 2nd cockerel. I have in my yards the birds that won at Augusta, 2nd cock, 2nd cockerel, 2nd hen, 2nd pullet; a few good cockerels and pullets for sale. Eggs from properly mated winners for sale. Get my prices. Satisfaction guaranteed.

HENRY W. LESTER :- THOMASVILLE, GEORGIA

## EGGS and BABY CHICKS

FROM FOGG'S SINGLE COMB WHITE LEGHORNS. All our breeders this season are old birds, they produce the strongest chicks—THE KIND THAT LIVE. If you want the most for your money, send for mating list now. Safe arrival of chicks and eggs guaranteed.

N. V. FOGG :- Box A :- MT. STERLING, KY.

## S. C. BUFF ORPINGTONS

Winners at the South's leading shows. Stock and eggs at reasonable prices. I make a specialty of supplying breeding stock to beginners. Illustrated catalogue free.

CLAUDE F. DEAL :- Lock Box B :- LAND'S N. C.

## EGGS WHITE WYANDOTTES EGGS

Prize winners everywhere shown. Last winning, 1st pen, National Conservation Exposition, Knoxville, Tenn., 1913. No better nor healthier birds produced. Great layers. Raised on high and dry cedar range; never a mite, louse nor disease. Eggs, 1st pen, \$2.00 for 15. No stock to sell this season. Order ahead of needs.

W. D. WILLIAMS, Jr., Westview, GREENEVILLE, TENN.

## BARRED AND PARTRIDGE PLYMOUTH ROCKS

We have our pens mated and will be ready to ship eggs by Feb. 1st. Satisfaction guaranteed.

Wolf Creek Poultry Yards, Box 242, Abingdon, Virginia

## CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

### PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Dest material. We also make Poultry Marker 25c. Gape Worm Extractor 25c. French Killing Knife 50c. Capon Book Free. G. P. Pilling & Son Co., Philadelphia, Pa.

Atkinson, Wis., J. F. Walthers, Pittsburg, Pa.; Secretary-Treasurer, D. Monroe Green, Waterville, N. Y. It was voted to issue a handsome new publication to be known as the "Columbian Rock Bulletin." It will be devoted exclusively to Columbian Plymouth Rocks. Ready for mailing soon. Sent absolutely free to any one for the asking. Address, D. Monroe Green, Waterville, N. Y.

### AMERICAN BUFF LEGHORN CLUB MEETING.

The annual meeting of this club was held at Chicago, Ill., Tuesday, Dec. 16, 1913. The report showed the club in good standing, and extra efforts will be put forth at the shows next season to interest more breeders to show, by offering silver sets, cups and ribbons. The club has just issued a valuable book of 80 pages, telling all about the winter layers of large, white eggs that are unexcelled by any breed of fancy fowls, and the book is free for asking, just like those that some ask \$1 each.

The following officers were elected:

President—F. A. Tecktonius, Racine, Wis.  
Eastern Vice-President—Josiah Fitz4th, Chester, N. H.  
Western Vice-President—Wm. J. Moore, Spokane, Wash.  
Northern Vice-President—W. H. Boyle, Jubilee, Vancouver, B. C.  
Southern Vice-President—Hugh M. Clark, Maryville, Tenn.  
Middle Vice-President—Frank S. Smith, Hamilton, Ohio.  
Secretary-Treasurer—Geo. S. Barnes, Battle Creek, Mich.  
Executive Committee—Len Lanius, Cincinnati, Ohio; Chris H. Leitner, Elgin, Ill.; A. G. Barlow, Medina, N. Y.

### NATIONAL BLACK LANGSHAN CLUB.

The National Black Langshan Club held its annual meeting at Rochester, N. Y., December 17th. The secretary reported the club as growing rapidly, ninety-two new members having joined this year.

The following officers were elected for the ensuing year: President, Geo. Urban, Jr., Buffalo, N. Y.; Vice-President, Wm. T. Blakeley, So. Pasadena, Cal.; Secretary-Treasurer, John A. Rhodes, Cedar Rapids, Iowa; Assistant Secretary, E. R. McCormick, Letts, Iowa; Executive Board, R. A. Hewes, Crete, Ill.; L. E. Meyer, Bowling Green, Mo.; and R. W. Bishop, Guilford, Conn.

The board talked over the matter of publishing a Langshan book, and the secretary was instructed to proceed with the same at once. Every Langshan breeder should become a member of the club and be listed in this book.

Join the club; \$1.00 pays your membership fee and dues until October, 1914, if sent to John A. Rhodes, secretary, Cedar Rapids, Iowa. You can have a club catalogue for the asking.

## SINGLE COMB Rhode Island REDS

Winners at Knoxville, Birmingham, Augusta and Atlanta. Eggs, \$5.00, \$3.00 and \$1.50 per 15. Baby chicks. Write for mating list. MRS. DONALD DONALDSON, Decatur, Ga.



# SECRETARY'S ENTRY BOOK

A very compact book, size 8½x8½ inches, giving ample space for making entries without crowding. Printed on best quality paper and handsomely bound. Our simple labor-saving system of special indexing is a feature that adds much to the book and affords a great saving of time in making entries. 50 Leaves \$1.00; 100 Leaves \$2.00. : :

THE INDUSTRIOUS HEN CO.

: :

Knoxville, Tennessee

## WANTED

MEN AND WOMEN EVERYWHERE, to take the M-X-T HEALTH AND BEAUTY CULTURE COURSE. The fullest, the most complete, the most up-to-the minute HEALTH COURSE IN ALL THE LAND. We absolutely guarantee satisfaction to every pupil or your money will be refunded without a word.

The M-X-T COURSE will give you radiant, buoyant HEALTH, thrill your very being with new life, give you a mind that is bright, keen, active, throbbing with creative thoughts, always ready to respond to the call of emergencies, a nerve force that can stand the wear and tear of this mile a minute life, that present day conditions force upon us.

THE M-X-T COURSE WILL BUILD THE THIN PERSON, round out their wasted form, make them strong and hopeful, and thrill their very being with new life. IT WILL REDUCE THE SURPLUS FAT from the obese, give them a beautiful, symmetrical form, and bring them down to a normal condition, where nature intended that they should be.

RESTORE TO MAN, weak, failing, or lost manhood, make him young again, (feeling and appearance) give him broad shoulders, deep full chest, strong physical and mental endurance; banish lassitude and brain fog, increase the size and quality of the muscles, and make him strong and capable of resisting any ordinary hardship, exposure, or attack of disease. All without one dose of medicine to drug your stomach with.

### GIVE TO WOMEN

A BEAUTIFUL FIGURE, a lovely face, a smooth skin, a charming personality, a strong physical being, with aches and pains all gone, strong mental power with new life, new energy, vitality and efficiency. The M-X-T COURSE will take away that tired, weary feeling and bring back to you that HEALTH AND BEAUTY that was yours in former days, and help you to bigger and better things in life. We want every woman who reads this ad. to write us at once for full particulars. We can help you, let us tell you more about it, if interested. Our course is personal, without drugs, and fixed to suit the individual case after we receive their application.

We want the address of every man, who is not on the very top of physical and mental efficiency, write us and learn how you might reach the top of physical and mental efficiency that is yours by every right under the sun. Almost every man and woman needs our COURSE, and almost every one can afford to take the COURSE.

THOUSANDS OF MEN AND WOMEN are held back from the best positions today, because they are not physically and mentally able to fill the place. There are more BIG JOBS today than BIG PEOPLE to fill them. Do you feel your need of stronger vitality, stronger health, stronger energy? Do you feel your supply of determination, slowly, but surely slipping away? Is that success that you have always felt was your birthright, slipping still farther and farther from your reach? If so, you surely need the M-X-T HEALTH COURSE, the great builder of broken physical and mental resources. IT IS A SHORT CUT TO BUSINESS SUCCESS.

Write for full particulars, they are free.

LONE STAR COMPANY,  
Burkett, Texas.

Box 651,

## PREPARING CHICKENS FOR EXHIBITION.

"The final wind up of the boys' and girls' poultry raising contest is near at hand," says Professor A. G. Lunn, of the Poultry Husbandry Department of the Oregon Agricultural College, "and in a short time the birds will be shipped to the various county and State fairs to compete for prizes. All fowls will be judged upon their appearance when in competition in the show room. The appearance of their plumage and the vigor they displayed upon the home plant or farm will not enter into the judge's mind. He can compare them only as they appear in the exhibition coops. He cannot consider the care spent upon them nor the conditions under which they have been produced. Neither can he make allowances for distances they have traveled or means of transportation. The judge will award premiums on judging day according to the appearances of fowls at that time. It is, therefore, of importance when the boy or girl is deciding to send his or her fowls to compete with others that they be given the best of care not only in preparing them for the show, but in cooping and shipping them to it. There are, perhaps, a few points which, if followed, may mean the winning of a premium, which otherwise would have been lost. Many times an award is given to one fowl over another on a very minor point of difference. It would be advisable for every boy and girl to send for a premium list of the show where the birds are to be exhibited. Decide just what premiums are to be tried for, then select and prepare the birds accordingly.

### Selecting for the Show

The more nearly mature the fowls are the better. Other points being equal, the bird coming nearest the matured weight will be given the prize. The birds should have a maximum of strength and vigor. As confinement will tend to reduce this it is important that the birds appear healthy and vigorous at the time of judging. They should be in prime condition as to flesh. This will have been taken care of by nature if the birds have had proper conditions of feeding. They should be healthy showing no signs of diseased conditions. This is especially

true of the legs, which should be free from the disease known as scaly legs.

### Preparing for the Show

In preparing the fowls for the show room it is not necessary to wash the dark colored ones, but white fowls are greatly improved in appearance by washing about four days before the birds are shipped to the show. Three wash tubs are used. The first tub should be filled half full of warm water, about 100 degrees; the second tub with lukewarm water and the last tub, which is used for rinsing purposes, should be full of water from which the chill has been removed. The fowl is put into the first tub and held under the water until the plumage has been completely soaked. The head may also be held under a moment or two. The fowl is then placed on a clean table and thoroughly soaped with a good white soap. The plumage is now ready to be scrubbed, which is done gently with a small brush or sponge. Care should be taken that the rubbing is all done in the direction the feathers grow. The bird is then rinsed in the second tub and care taken that all soap is removed, otherwise the feathers will not web out properly. Before removing the fowl from the second tub the legs should be scrubbed and in some cases it will be necessary to remove the dirt from under the scales with a toothpick. The third tub is now used for the final rinsing. Some breeders use bluing in this last water. When this is done care should be taken that there is not too much of

## Conaville Poultry Farm

Anconas, Rose Comb White Orpingtons, S. C. Whites, Buff and Black Orpingtons, White Buff and Barred Plymouth Rocks, Buff and White Leghorns and Rhode Island Reds. Eggs from fine stock at prices that's fair. Get our handsome booklet and mating list, with cuts from life. CONAVILLE POULTRY FARM, Mallet Creek, O.

## HICK'S ANCONAS

Winners State Championship Cup state meet Ancona Club of America at Patterson, N. J., Nov., 1913. At state meet, same club, Grand Central Palace, N. Y., Special for Best Ancona in show. Also at Madison Square Garden, Philadelphia, and Augusta, Ga. Stock, eggs, baby chicks. Write for catalogue today. DR. PETER HICKS, Box 334, Bound Brook, New Jersey.



## Save the Little Chicks

The delicate digestive organs of baby chicks require a specially prepared and well balanced food to prevent fatal bowel troubles during the first 10 days of their lives.

**Bring 'em through critical period safely**

Feed your chicks, turkeys, pheasants or other young fowl the ORIGINAL and specially prepared COMPLETE FOOD—

## "F. P. C. Chick Manna"

Watch 'em thrive and develop into healthy, husky youngsters with sound, vigorous constitutions. It regulates and strengthens their digestive organs, promotes growth, protects them against epidemics. **Introduced in 1884.**

**The First Known, Specially Prepared Chick Food**

None other like it. Recognized by prominent poultrymen as a clean, wholesome, honest, well balanced chick food with special health preserving properties. M. K. Boyer, the well-known authority, says: "Chicks not only like it, but thrive wonderfully on it." There are many imitations and substitutes, but none contain the ingredients which make the ORIGINAL "F. P. C. Chick Manna" the unequalled first 10 day food.

**Ask your dealer for it.** If he cannot supply you, write direct for

### SPECIAL PARCEL POST OFFER

Send today for free circulars of "F. P. C." Foods and Supplies and our liberal introductory offer of 1 lb., 5-lb. or 15-lb. package of Chick Manna by Parcel Post.

**F. P. CASSEL & SON, Sole Manufacturers**  
Number A-14 **LANSDALE, PA.**

it, or it will be apt to stain the feathers. It is almost impossible to remove an excess from the feathers. The feathers are dried as much as possible by hand, then rubbed with towels, care being taken, as when washing, to rub in the direction the feathers grow. The fowl is then ready for drying. This should be done as quickly as possible. A good plan is to have a room well heated in which to place the birds to dry.

After the bird has become thoroughly dry it should be taken care of and kept in a clean compartment or coop so that the feathers will not be soiled. A good plan is to keep four or five inches of chaff on the floor of the coop. Although it is not advisable to wash dark colored birds, their plumage may be improved by going over them with a silk handkerchief. Their legs should be washed in the same manner as directed above for the white fowls. After washing the fowls it is a good plan to train them to the exhibition coops and to handling. This may be done by handling them gently, stroking and speaking to them as often as possible before they are shipped. This will have a tendency to make them pose better when the judge is looking them over. Sometimes the comb and wattles of the bird are rubbed with oil to brighten them up. For this purpose a slight application of sweet oil and alcohol mixed, equal parts, may be used.

### Shipping the Birds.

After the birds have been properly prepared for the show it is important that they be shipped in proper coops in order that their plumage will not be broken or soiled while on the road to the show. Male birds should always be cooped separately, and while it is a good plan to ship hens the same way,



## SINGLE COMB WHITE LEGHORN BANTAMS

Are attracting great and widespread attention, not only from a beauty standpoint, but they lay a large quantity of fair size eggs at minimum cost of feed. Eggs, \$5.00 per 15.

**C. L. HUGHES, 819 Evans St., AUGUSTA, GA.**

## SANDY RUN POULTRY YARDS

Is still winning at the leading shows. Nearly cleaned up everything in White and Partridge Wyandottes at Raleigh, N. C., and Lynchburg, Va., in January (only the 2 varieties exhibited); have been winning like this for 15 years. Don't just buy up a few good birds and make a good winning one year and then quit, but we raise the birds to win in the largest shows year after year. Can sell you winners or birds mated to produce winners at low prices for quality. Several nice cockerels and some females yet for sale at \$2.00 each and up in White, Partridge and Columbian Wyandottes, Black Minorcas and Brown Leghorns. Eggs now ready from the best matings of above breeds at \$2.00 to \$5.00 per 15.

**SANDY RUN POULTRY YARDS**

**ELLENBORO, NORTH CAROLINA**

## SOUTHERN STATES DUCK AND POULTRY FARM

**The HOME of QUALITY BREEDING BIRDS, Box 214, COLLEGE PARK, GA.**

Breeders of the famous Buff Orpington Ducks, Barred and White Plymouth Rocks, White Wyandottes, S. C. White Leghorns, S. C. Black Minorcas, S. C. Rhode Island Reds, Black, Buff and White Orpingtons. Our birds are of the best and purest strains of blood of their respective varieties. They are bred for vigor of body and heavy yield. For breeders, they cannot be excelled. Book your order for your requirement of setting eggs and baby chickens now. Splendid idea to get a setting or two for new blood in your old flock. Mating list and catalogue mailed on request.

yet for convenience it is often necessary to place two or three in the same compartment. The coops should be large enough to give the fowl ample room and should be governed by the proportions and plumage of the fowl to be shipped. For the tallest birds, 30 inches is none too high and this may be graded to a foot for the tiniest Bantams. A bird should never touch the top of the coop with its comb, as this would be apt to bruise it. The width of the coop should be such that the plumage will not be cramped. Fowls will keep their plumage in good condition if the coops are large enough. The coops should be light, in order that they may be handled easily and that the express charges may be kept at a minimum. A good plan is to place three or four inches of chaff in the bottom of the coop, or sufficient to keep the legs and plumage of the birds clean while on the road. A little grain may be scattered on this chaff, which will give the birds something to work for. It is not advisable to put drinking water in the coop, as it is liable to upset and soil the plumage. To take the place of drinking water, some breeders use apples and vegetables, such as beets or a piece of raw potato, slightly crushed. This answers for water. Neither will it be necessary to put grit or food other than grain in the coop.

If the show to which the birds are to be sent does not provide exhibition coops, they should be built at home and used in shipping the fowls. In this case it is a good plan to have them sufficiently large that the birds will not be cramped and that they may have a chance to move around and show themselves.

Sprouted oats are the cheapest green poultry food that can be supplied.

If the hen's food does not contain all the elements of matter needed to sustain life and make an egg, in proper proportion, she can not do her best work.

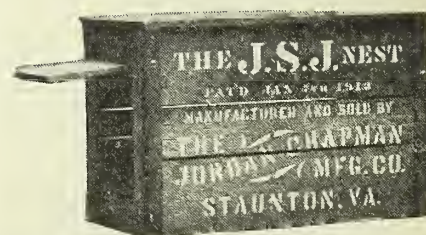
In selecting breeders, bear well in mind egg producing power is inherited, according to the best authorities as much, or more, from the male as the female parent. The eggs from a heavy laying pullet or hen, may develop into very inferior layers, unless both parents possess this power.

### Kentucky's BEST SINGLE COMB BLACK MINORCAS

Making their title still clearer at Kentucky's last two shows in competition with Kentucky's most prominent breeders.

At State Poultry show at Lexington—1st, 2nd, 3rd and 4th cock; 1st( 2nd, 3rd and 4th hen; 2nd and 4th cockerel; 1st and 2nd pullet. At Madison Count Poultry Show at Richmond—Kentucky's greatest show—All 5 Minorcas specials; A. P. A. medal and Poultry Ideas Cup for greatest number of points; 1st, 3rd and 4th cock; 1st, 2nd and 3rd hen; 1st, 2nd, 3rd and 4th cockerel; 1st and 2nd pullet; 1st, 2nd and 3rd pens. In Kentucky from Feb. 1st, 1913, to Feb. 1st, 1914, we won 45 firsts out of a possible 52.

We have for sale reasonable—if sold at once—a limited number of our Minorca Eggs, and a few extra quality male birds; also a limited number of our S. C. Black Orpington Eggs and some extra nice cockerels hatched from Wm. Cook & Son's very best and highest priced eggs. **WALTER Q. PARK, Richmond, Kentucky.**



Separates your layers from your non-layers without handling the bird. The only complete trap nest. Meets every requirement of the hen. Different, superior and simpler in construction than any trap nest ever put on the market. Its simplicity of construction makes the cost less and its new features make it more complete than any other. Price \$17 per dozen. \$9 per 1/2 dozen. Five dozen lots \$12 dozen. **F. O. B. Staunton, Va.** Cost must accompany all orders. Address: **THE JORDAN-CHAPMAN MFG. CO., 225 North Central Ave., Staunton, Virginia.**



**Chamberlain's Setting Hen**  
\$5.75  
Incubator and Brooder

**The Baby Incubator**



**\$5.75**  
Incubator and Brooder

Freight Paid East Rocky Mountains  
Holds 26 Eggs  
A Complete Incubator  
Easy to Operate  
You can always get fresh eggs enough to fill it.

**Equals Two Hens.**  
Always Ready to Set  
Never leaves her nest. No Lice. No broken eggs.

**Chamberlain's Perfect Chick Feed**  
TRADE MARK



Has no Equal. No Corn. No Bowel Trouble. The Only Original Dry Chick Feed and the World's Standard.

"Lady Showyou," winner of the National Egg laying Contest at Mountain Grove, Mo., with a record of 82 eggs in 82 days, and 281 in a year and recently sold for \$800, was raised on Chamberlain's Perfect Chick Feed.

We have agents all over the U. S., but if our agent is not near you we will deliver 100 lb. sack freight paid to your railroad station for \$3

**W. F. Chamberlain Feed & Incubator Co.**  
107-109 Olive St. Desk 6 St Louis, Mo

**DENSMORE'S**  
Single Comb White  
**LEGHORNS**  
Win, Lay and Pay

One thousand hens at bargain prices, to make room for our growing stock.

**The**  
**DENSMORE POULTRY FARM**  
Incorporated  
**ROANOKE, VIRGINIA**



First White Orpington Cockerel, Ala. Poultry Association, Birmingham, Dec., 1912.  
First White Orpington Hen, Alabama State Fair, Oct., 1913.

**Special Sale**  
**White Orpingtons--R. C. Reds**

I have a few White Orpington cockerels weighing from 8 to 11 lbs. at \$5.00, \$7.50 and \$10.00 each, sired from cock shown in cut; also a few hens and pullets at \$2.50 and \$5.00 each. I have a few R. C. Rhode Island Red cocks and cockerels, including some 1st prize winners at \$5.00, \$10.00 and \$15.00 each. All my Reds for sale. White Orpington eggs at \$2.50, \$5.00 and \$10.00 per setting of 15 eggs.  
**J. L. THORNTON, Breeder of Cook's Strain Orpingtons, 109 S. 55 St., Birmingham, Ala.**

**Popular Talks  
on Law**

By **WALTER K. TOWERS, A. B., J. D.,**  
of the Michigan Bar

**THE UNPAID CHATTEL MORTGAGE**

Those who are fortunate enough to be possessed of real estate have an available security when they seek to borrow money. But there are others of us who find occasion to seek an extension of credit who do not own land, or whose land is already incumbered by a real estate mortgage. Such a one may secure a loan by giving a mortgage on the family horse, or the farm machinery, or the stock in his store, as security.

Whether the paper which he signs as a mortgage transfers the title to the lender, giving him only the privilege of regaining the ownership by repaying the loan, or whether the paper simply gives to the lender the privilege of taking the property if the debt be not paid, is not of vital interest to the average borrower as long as the result is practically the same. The courts of some states proceed along the theory that a mortgage does one thing while those of the others take the opposite view. This difference in legal theory is not likely to affect the man who gives a mortgage on his property very directly, unless that property is a female animal. Every stock owner is familiar with the rule of law that the offspring of domestic animals belong to the owner of the mother. So a calf or colt will belong to the borrower or lender according as the one or the other is looked upon as having title to the mortgaged animal in that particular jurisdiction. The practical and proper way to meet the difficulty is to avoid it by agreeing beforehand on this point and having it specified in the mortgage itself.

The points which interest a man who has given a chattel mortgage on his movable property as security for money due are with regard to the payment of the mortgage or the consequences in case he finds himself unable to pay on time. It is usually specified in the mortgage that the man who gives the mortgage on his property, who borrows the money—in law he is called the mortgagor—is to retain possession of the property covered by the mortgage. In the terms of the mortgage title is transferred to the man who receives the mortgage, and lends the money—the mortgagee. In practical effect the mortgagee has a superior sort of a claim on that property to protect his loan. If the loan is not paid in full then he may enforce his claims against the property.

When the debt which the mortgage was given to secure is paid in full the claims of the mortgagee to the property are destroyed and the mortgagor's title again becomes complete. When the borrower takes the money due in good and lawful currency—any money which is legal tender—and tenders it to the person to whom the money is due, on the day and at the place specified in the mortgage, the chattel mortgage is discharged. The amount must be the debt together with all proper interest charges and it must be definitely offered to the mortgagee—held out before him. Though he refuses to accept it the mortgage will, in most circumstances, be discharged by this tender. The debt will still remain due but the mortgage on the goods will be discharged and they will be free from incumbrance.

If the holder of the mortgage, the mortgagee, has transferred it to another, and the mortgagor has been notified of it, he should of course, make the payment to the present holder of the mortgage. But if he has received no notice of the transfer and in good faith pays the money over to the person to whom he gave the mortgage, he will be protected and the mortgage held discharged.

It may be that both parties feel that the mortgaged property is worth just about the amount due and the mortgagor is willing to have the mortgagee take it in full settlement and that the mortgagee is willing to receive it. If this is done under a definite agreement the mortgage is discharged.

In most states it is held that once the mortgage has become past due, the mortgagor having failed to pay it in full at the time spec-

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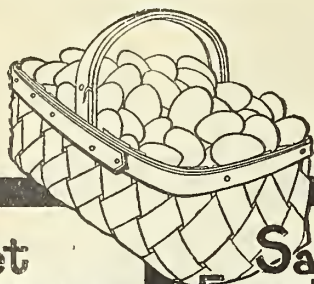
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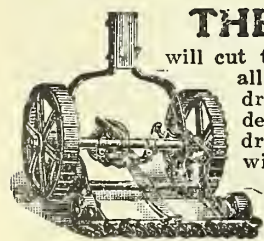
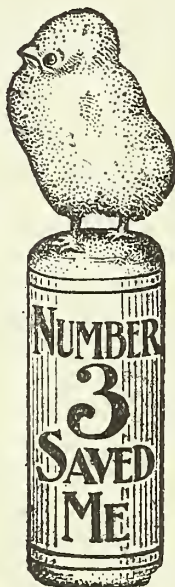
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Member of Executive Committee, Rhode Island White Club of America.

ified, the holder of the mortgage has become the owner of the property and has the right to claim it without further ceremony. It is only necessary that he claim it and take possession in a peaceable manner. In a few states, as Michigan, Nebraska, North Dakota, Oregon, Texas and Washington, regular foreclosure proceedings are necessary before the holder of a chattel mortgage can take possession of the property covered.

But even though the mortgage debt is overdue, and the holder has taken possession of the property the mortgagor's rights are not at an end. He still has what is known as an equity of redemption—that is he has the right to redeem the property by paying all the money due, including principal, interest and necessary expenses. The time within which one may redeem after the day when the mortgage was due, known as the period of redemption, is fixed in a few states by statute, as in Maine, Massachusetts, Minnesota and Rhode Island, where it is sixty days, and Kentucky, where it is five years. In other states the courts allow what they deem to be a reasonable time under all the circumstances of the case.

The mortgagee, the holder of the mortgage, has it within his power to cut off this equity of redemption. He may bring foreclosure proceedings in a court of law by which the mortgage is definitely closed. By these proceedings disposition is made of the property at a mortgage sale under the direction of the court. From the proceeds the expenses of the sale are paid, the amount due the holder of the mortgage under the mortgage is paid, and if there is still a balance remaining it is returned to the man who originally gave the mortgage.

By the terms of many mortgages of movable property the holder, after default of payment, has the right to conduct a public sale of the property for himself, without having recourse to foreclosure proceedings. This sale must be fairly conducted in every regard and should always be by public auction, though private sales are sometimes countenanced or agreed to by the mortgagor. The proceeds of the sale are disposed of in exactly the same manner as after a sale on foreclosure. Either a foreclosure or a sale under a power in the mortgage cuts off the equity of redemption.

Thus it is to be noticed that the mortgagor—the man who gave the mortgage—has a very real interest in the property, even after the mortgage is overdue. If it is worth more than the debt the surplus must be returned to him, and so he has an interest in seeing to it that the sale is fair and for the highest possible amount. Notice should always be given the mortgagor of the sale of the mortgaged goods in time so that he may attend. If the goods do not bring enough to pay the debt due the mortgagor is personally liable for the balance.

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Accept this testimony from an "Oculum" user, for years in your home town. "Oculum" is a marvelous remedy.

As a tonic the fine, plump, juicy broilers and pure, germless eggs it produces, is "too good to be believed."

I lost 4200 chicks from white diarrhoea and 300 hens from cholera, before I "got on" to "Oculum". The next year I hatched 2500 and did not lose 5 per cent.

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Turkey hens are profitable until five years of age, but it is a good plan to change the gobblers every year. It requires twenty-eight days to hatch a turkey egg, and seven eggs is considered a setting. The nests should be on the ground.

Upward of 44,000 pounds of dressed poultry, acknowledged to have been in cold storage for six or seven years, was recently condemned and confiscated by the Board of Health of Philadelphia.

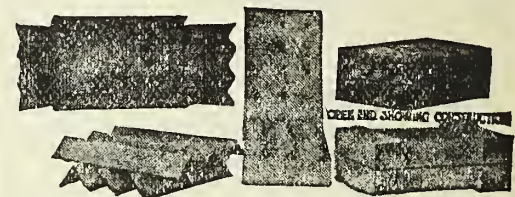


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If you could see the 7 grand pens of White Orpingtons I have mated for the season's egg trade, you would surely say they have the quality. Each pen headed by a winner mated to produce strong, true Orpington type, with purity of white color. My Whites have won 300 prizes, cups, A. P. A. and club medals, as well as best displays; best birds in shows at our leading exhibitions, and known the country over as one of best strains. If you are looking for real high quality, I can supply you. Mating list explains fully.

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Eggs to hatch next season's layers and winners, \$4.00 for 15; \$10.00 for 50. Shipped direct from my pen at the Missouri Egg Laying Contest. Mating list sent on request.

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